

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062822\  
 Data File : VW023526.D  
 Acq On : 28 Jun 2022 12:14  
 Operator : SY/VA  
 Sample : VSTDICV025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VICV432

Quant Time: Jun 29 02:07:37 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM062822SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jun 29 01:55:10 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 385098   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 369132   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 200086   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 101887   | 20.552   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 82.200%  |
| 7) Chloroethane-d5            | 2.885  | 69    | 85880    | 22.927   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 91.720%  |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 173615   | 22.324   | ug/L  | -0.02    |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 89.280%  |
| 21) 2-Butanone-d5             | 7.074  | 46    | 53325    | 45.196   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 90.400%  |
| 24) Chloroform-d              | 7.647  | 84    | 233028   | 23.567   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 94.280%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 121071   | 23.259   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 93.040%  |
| 32) Benzene-d6                | 8.275  | 84    | 421163   | 23.078   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 92.320%  |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 128528   | 23.622   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 94.480%  |
| 41) Toluene-d8                | 10.323 | 98    | 431681   | 24.200   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 96.800%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 59499    | 24.158   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 96.640%  |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 46152    | 52.387   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 104.780% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 119921   | 23.929   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 95.720%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 169728   | 24.417   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 97.680%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.008  | 85    | 55285    | 29.326   | ug/L  | # 90     |
| 3) Chloromethane              | 2.215  | 50    | 126801   | 26.979   | ug/L  | 100      |
| 5) Vinyl chloride             | 2.361  | 62    | 178775   | 25.129   | ug/L  | 97       |
| 6) Bromomethane               | 2.776  | 94    | 108124   | 26.732   | ug/L  | 100      |
| 8) Chloroethane               | 2.916  | 64    | 96718    | 25.936   | ug/L  | 96       |
| 9) Trichlorofluoromethane     | 3.257  | 101   | 89809    | 24.097   | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.062  | 101   | 124693   | 24.450   | ug/L  | 99       |
| 12) 1,1-Dichloroethene        | 4.044  | 96    | 107859   | 24.451   | ug/L  | 92       |
| 13) Acetone                   | 4.117  | 43    | 36111    | 43.700   | ug/L  | 100      |
| 14) Carbon disulfide          | 4.385  | 76    | 356791   | 25.782   | ug/L  | 100      |
| 15) Methyl Acetate            | 4.666  | 43    | 45141    | 23.354   | ug/L  | 98       |
| 16) Methylene chloride        | 4.916  | 84    | 123585   | 21.474   | ug/L  | 96       |
| 17) trans-1,2-Dichloroethene  | 5.422  | 96    | 129769   | 25.019   | ug/L  | 96       |
| 18) Methyl tert-butyl Ether   | 5.422  | 73    | 183612   | 24.764   | ug/L  | 100      |
| 19) 1,1-Dichloroethane        | 6.214  | 63    | 212576   | 24.315   | ug/L  | 99       |
| 22) 2-Butanone                | 7.171  | 43    | 58506    | 41.484   | ug/L  | 100      |
| 23) Bromochloromethane        | 7.513  | 128   | 62775    | 24.289   | ug/L  | 94       |
| 25) Chloroform                | 7.677  | 83    | 237353   | 24.101   | ug/L  | 97       |
| 27) 1,2-Dichloroethane        | 8.397  | 62    | 152686   | 24.112   | ug/L  | 99       |

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 ALS Vial : 1 Sample Multiplier: 1

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 MSVOA\_W  
 ClientSampleId :  
 VICV432

Quant Time: Jun 29 02:07:37 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM062822SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jun 29 01:55:10 2022  
 Response via : Initial Calibration

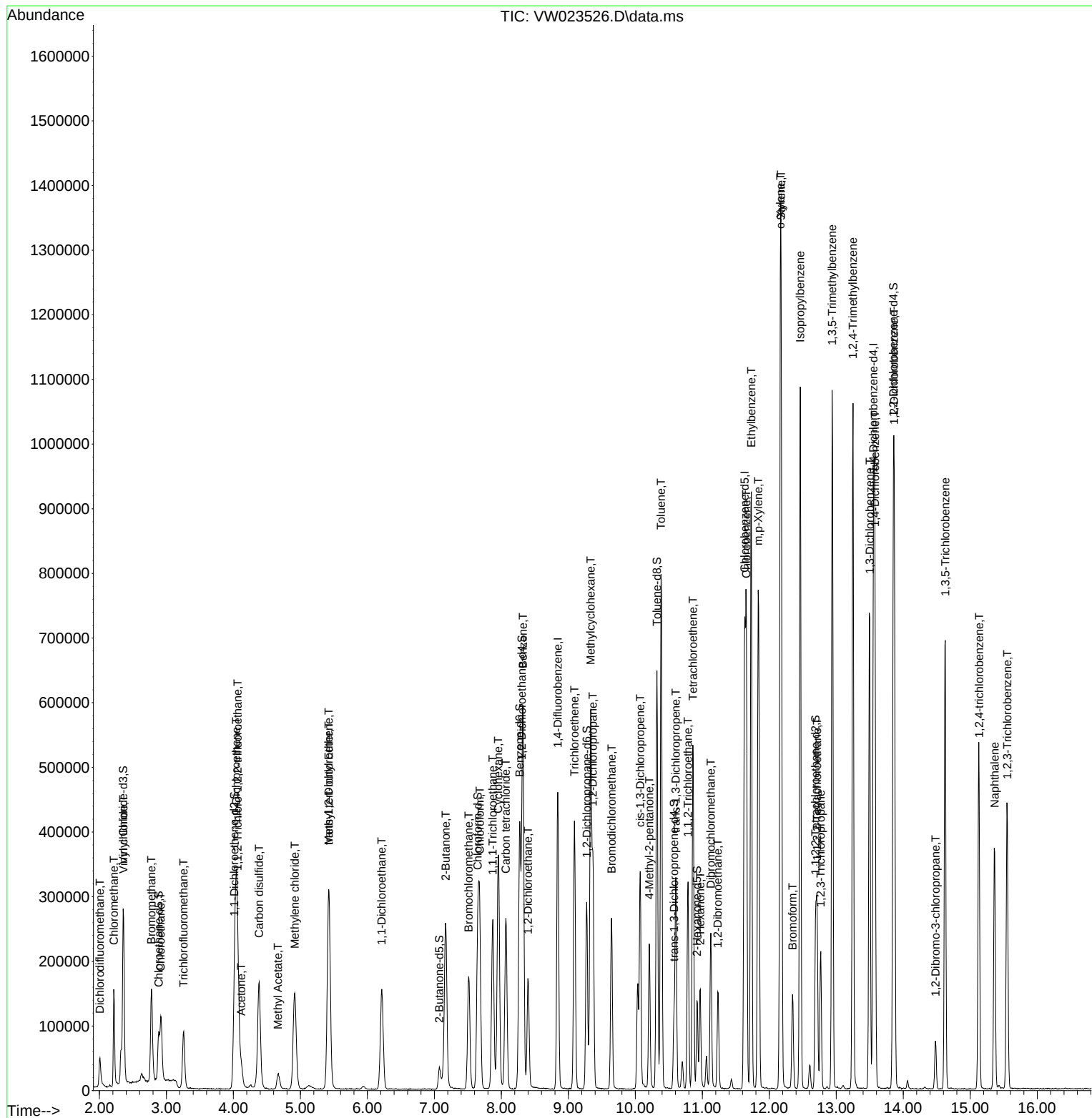
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 29) Cyclohexane               | 7.952  | 56   | 194015   | 25.822 | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 204436   | 23.472 | ug/L  | 97       |
| 31) Carbon tetrachloride      | 8.067  | 117  | 194605   | 24.331 | ug/L  | 99       |
| 33) Benzene                   | 8.323  | 78   | 523519   | 24.713 | ug/L  | 100      |
| 34) Trichloroethene           | 9.092  | 95   | 137962   | 23.639 | ug/L  | 94       |
| 35) Methylcyclohexane         | 9.335  | 83   | 238703   | 25.712 | ug/L  | 100      |
| 37) 1,2-Dichloropropane       | 9.366  | 63   | 122014   | 24.222 | ug/L  | 100      |
| 38) Bromodichloromethane      | 9.646  | 83   | 169748   | 23.526 | ug/L  | 97       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 192157   | 24.879 | ug/L  | 97       |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 135521   | 47.873 | ug/L  | 98       |
| 42) Toluene                   | 10.384 | 91   | 579249   | 24.854 | ug/L  | 97       |
| 44) trans-1,3-Dichloropropene | 10.604 | 75   | 169985   | 24.928 | ug/L  | 100      |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 97979    | 23.869 | ug/L  | 99       |
| 46) Tetrachloroethene         | 10.860 | 164  | 111042   | 24.104 | ug/L  | 97       |
| 48) 2-Hexanone                | 10.969 | 43   | 92769    | 48.319 | ug/L  | 98       |
| 49) Dibromochloromethane      | 11.128 | 129  | 122389   | 24.456 | ug/L  | 94       |
| 50) 1,2-Dibromoethane         | 11.231 | 107  | 98269    | 24.612 | ug/L  | 98       |
| 51) Chlorobenzene             | 11.658 | 112  | 384456   | 24.297 | ug/L  | 97       |
| 52) Ethylbenzene              | 11.731 | 91   | 649579   | 25.021 | ug/L  | 98       |
| 53) m,p-Xylene                | 11.835 | 106  | 254624   | 24.815 | ug/L  | 88       |
| 54) o-Xylene                  | 12.164 | 106  | 245957   | 25.783 | ug/L  | 91       |
| 55) Styrene                   | 12.176 | 104  | 423774   | 25.655 | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 119217   | 24.072 | ug/L  | 98       |
| 59) Bromoform                 | 12.347 | 173  | 64704    | 23.212 | ug/L  | 99       |
| 60) Isopropylbenzene          | 12.463 | 105  | 675408   | 24.668 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 85120    | 22.927 | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.938 | 105  | 559994   | 24.953 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 555376   | 25.083 | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 307825   | 24.422 | ug/L  | 97       |
| 65) 1,4-Dichlorobenzene       | 13.579 | 146  | 306675   | 23.699 | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 277293   | 24.400 | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 18510    | 21.714 | ug/L  | 88       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 201767   | 24.438 | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 15.133 | 180  | 150405   | 23.607 | ug/L  | 90       |
| 71) Naphthalene               | 15.365 | 128  | 319311   | 26.417 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 139757   | 25.375 | ug/L  | 96       |

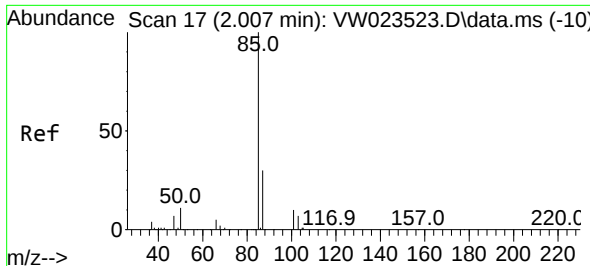
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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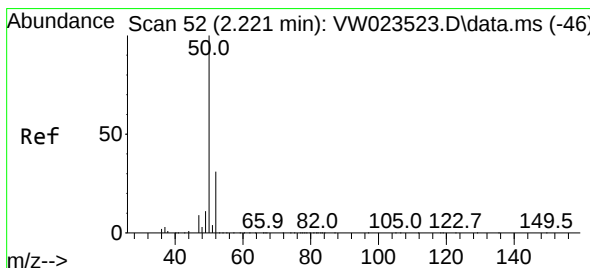
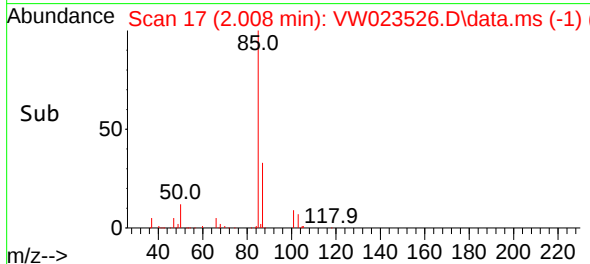
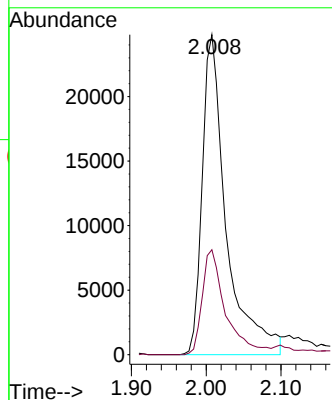
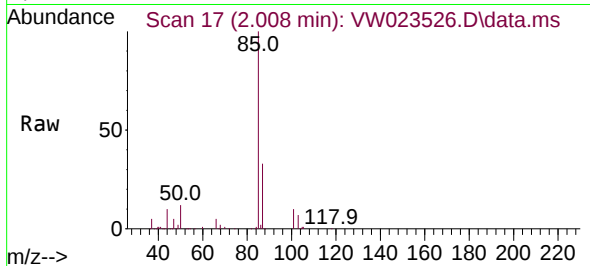




#2  
Dichlorodifluoromethane  
Concen: 29.326 ug/L  
RT: 2.008 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

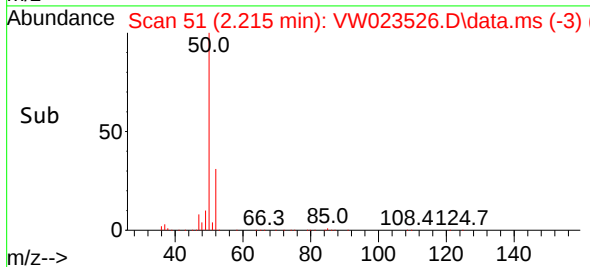
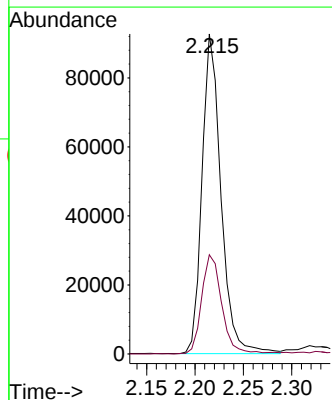
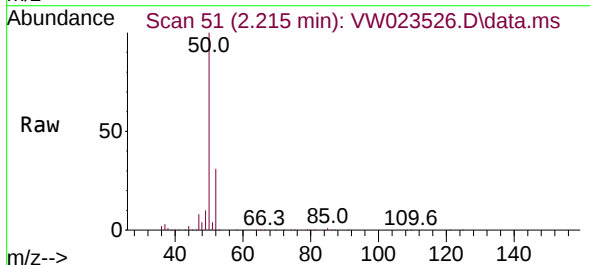
Instrument :  
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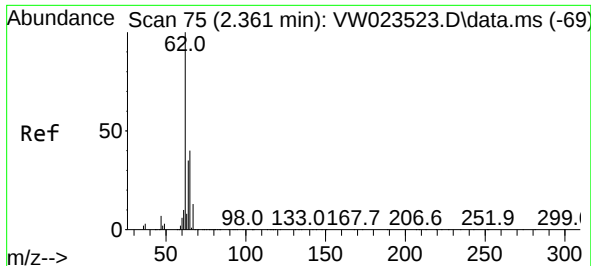
Tgt Ion: 85 Resp: 55285  
Ion Ratio Lower Upper  
85 100  
87 31.5 21.0 31.4#



#3  
Chloromethane  
Concen: 26.979 ug/L  
RT: 2.215 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

Tgt Ion: 50 Resp: 126801  
Ion Ratio Lower Upper  
50 100  
52 31.0 21.8 40.4

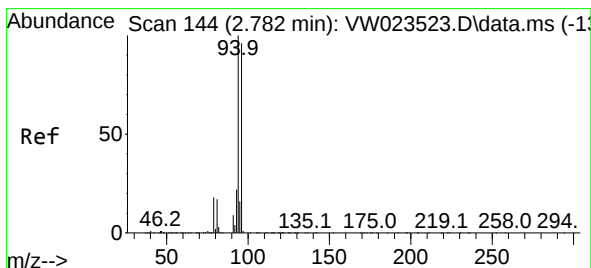
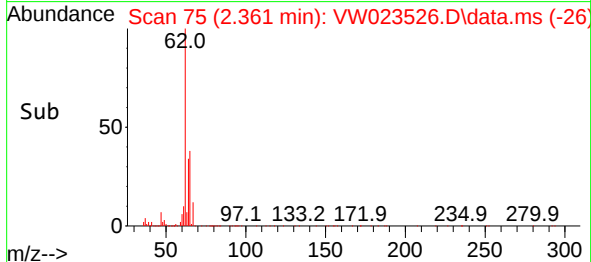
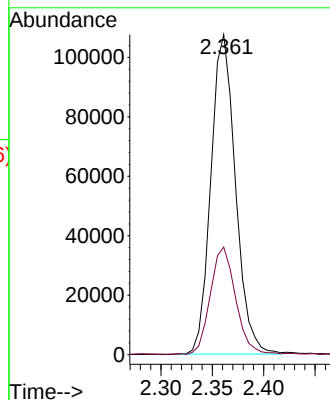
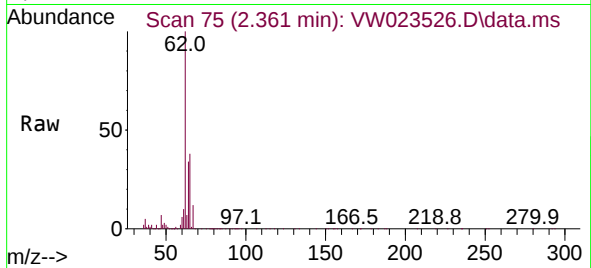




#5  
 Vinyl chloride  
 Concen: 25.129 ug/L  
 RT: 2.361 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: VW023526.D  
 Acq: 28 Jun 2022 12:14

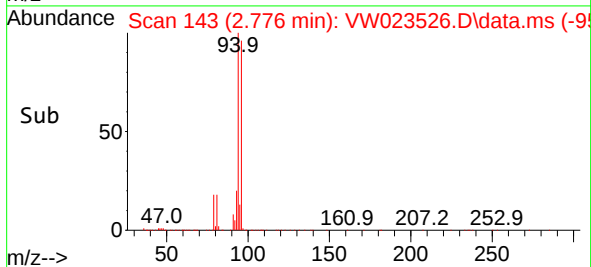
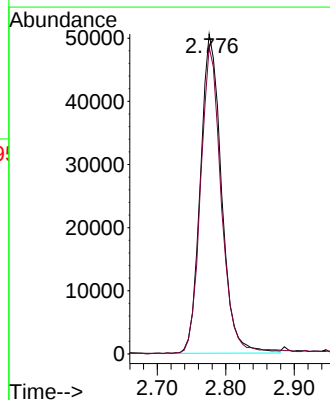
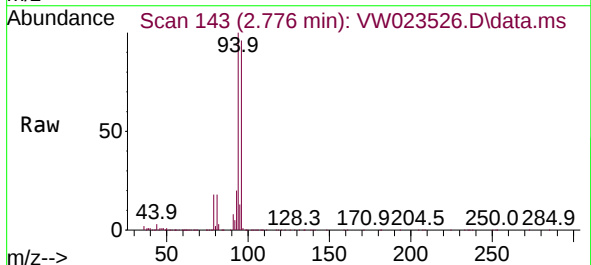
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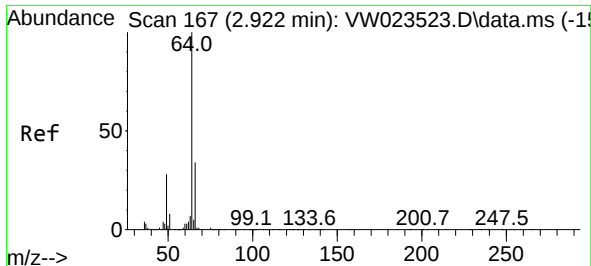
Tgt Ion: 62 Resp: 178775  
 Ion Ratio Lower Upper  
 62 100  
 64 33.6 24.6 45.6



#6  
 Bromomethane  
 Concen: 26.732 ug/L  
 RT: 2.776 min Scan# 143  
 Delta R.T. -0.006 min  
 Lab File: VW023526.D  
 Acq: 28 Jun 2022 12:14

Tgt Ion: 94 Resp: 108124  
 Ion Ratio Lower Upper  
 94 100  
 96 95.9 67.0 124.4

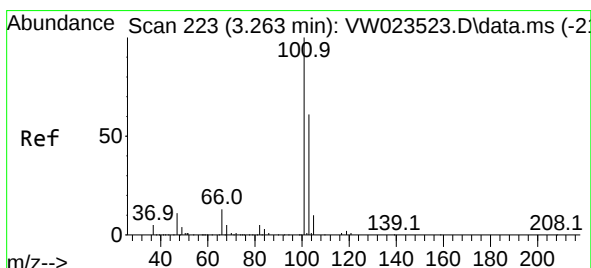
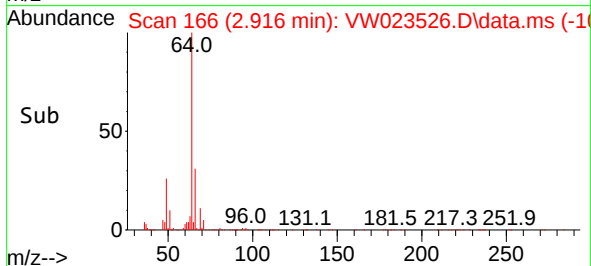
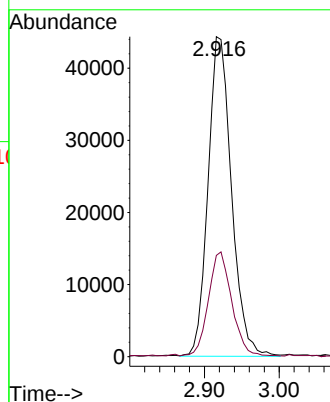
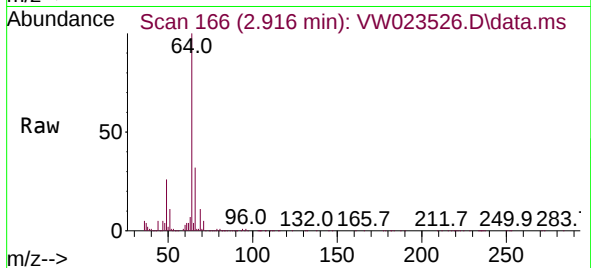




#8  
Chloroethane  
Concen: 25.936 ug/L  
RT: 2.916 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

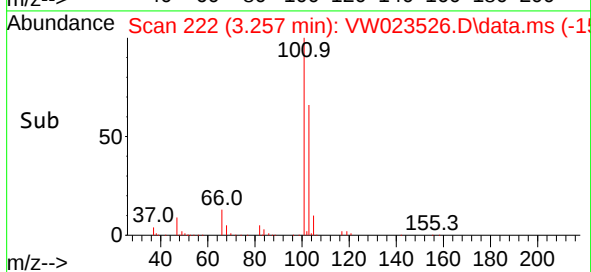
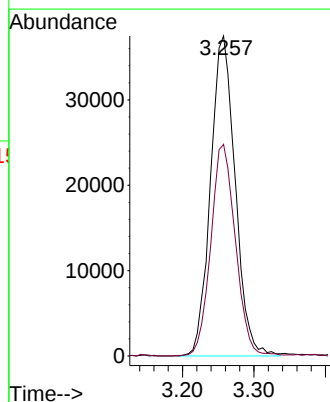
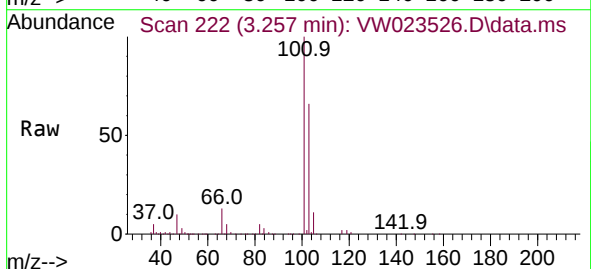
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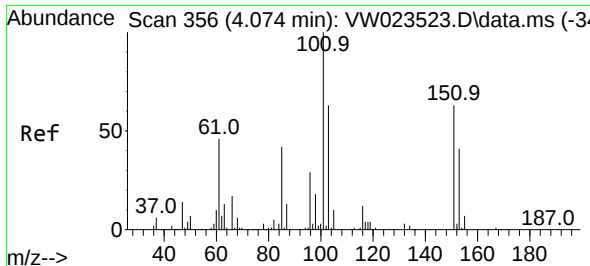
Tgt Ion: 64 Resp: 96718  
Ion Ratio Lower Upper  
64 100  
66 31.6 23.6 43.8



#9  
Trichlorofluoromethane  
Concen: 24.097 ug/L  
RT: 3.257 min Scan# 222  
Delta R.T. -0.006 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

Tgt Ion: 101 Resp: 89809  
Ion Ratio Lower Upper  
101 100  
103 66.1 53.1 79.7

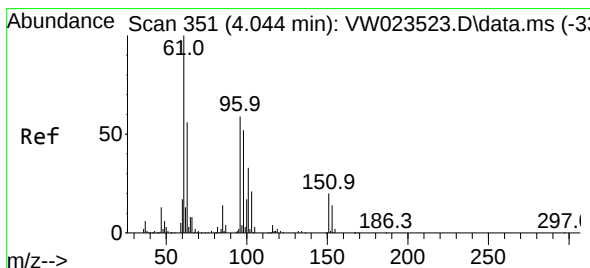
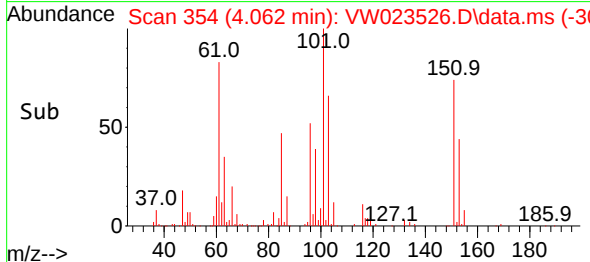
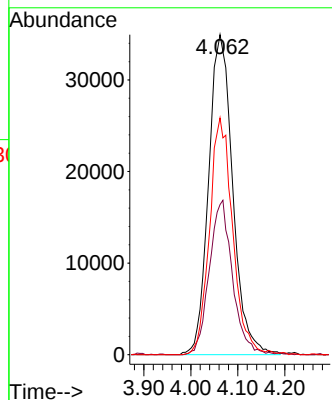
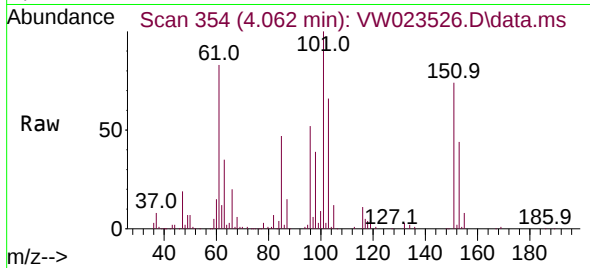




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 24.450 ug/L  
 RT: 4.062 min Scan# 310  
 Delta R.T. -0.012 min  
 Lab File: VW023526.D  
 Acq: 28 Jun 2022 12:14

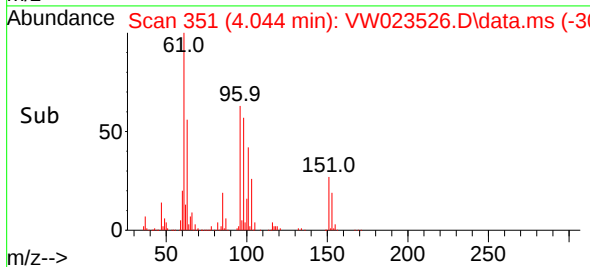
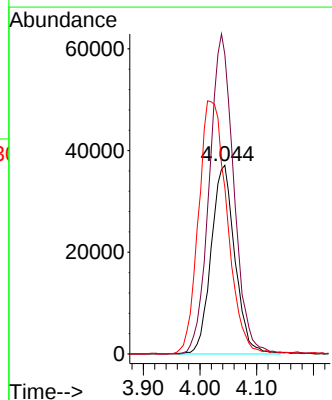
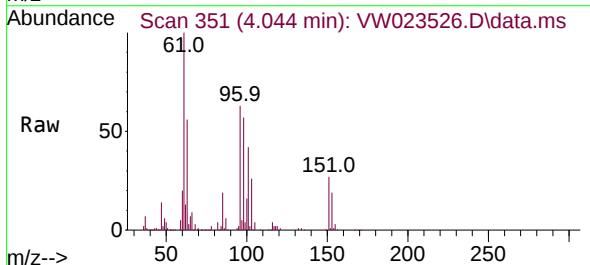
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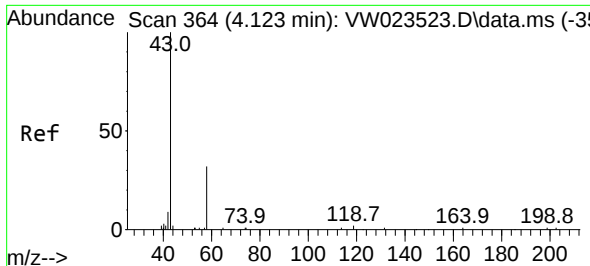
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 Ion Ratio Lower Upper  
 101 100  
 85 45.6 36.4 54.6  
 151 70.6 55.4 83.0



#12  
 1,1-Dichloroethene  
 Concen: 24.451 ug/L  
 RT: 4.044 min Scan# 351  
 Delta R.T. 0.000 min  
 Lab File: VW023526.D  
 Acq: 28 Jun 2022 12:14

Tgt Ion: 96 Resp: 107859  
 Ion Ratio Lower Upper  
 96 100  
 61 158.8 118.4 219.8  
 63 88.4 67.4 125.2

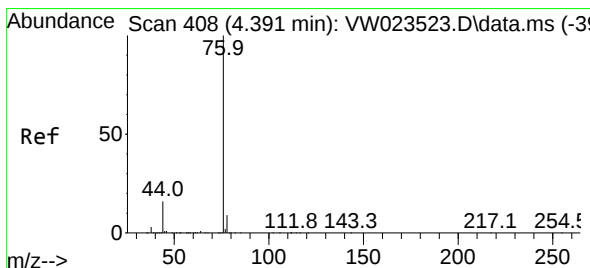
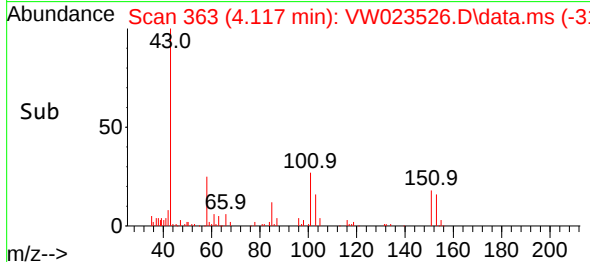
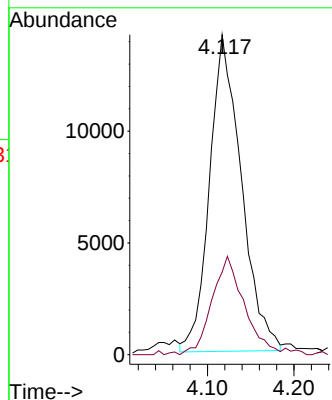
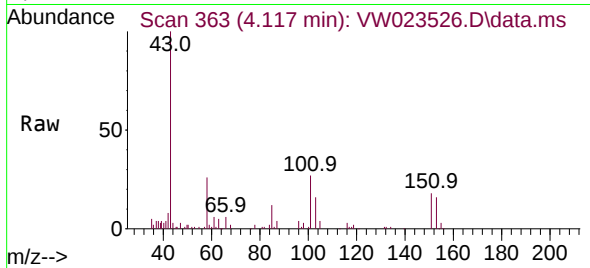




#13  
Acetone  
Concen: 43.700 ug/L  
RT: 4.117 min Scan# 363  
Delta R.T. -0.006 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

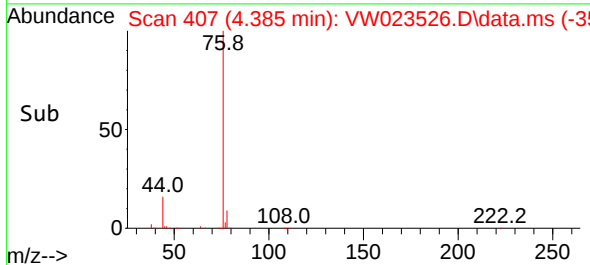
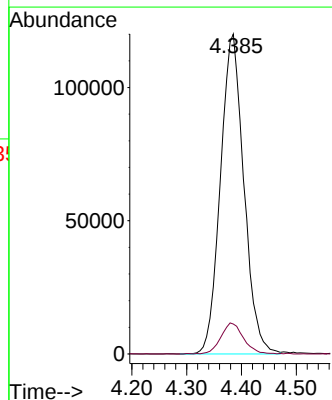
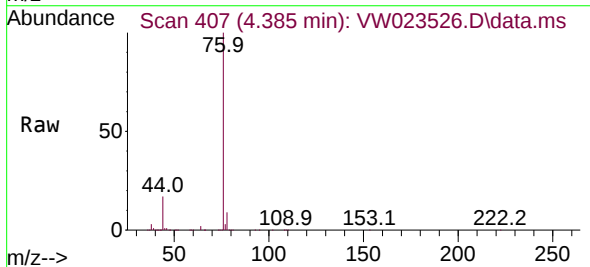
Instrument :  
MSVOA\_W  
ClientSampleId :  
VICV432

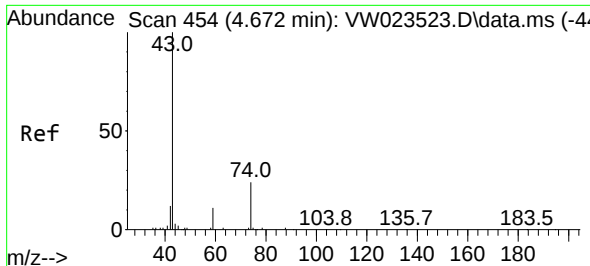
Tgt Ion: 43 Resp: 36111  
Ion Ratio Lower Upper  
43 100  
58 31.3 0.0 63.2



#14  
Carbon disulfide  
Concen: 25.782 ug/L  
RT: 4.385 min Scan# 407  
Delta R.T. -0.006 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

Tgt Ion: 76 Resp: 356791  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.4 11.0

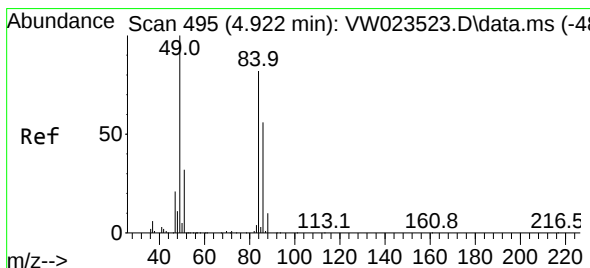
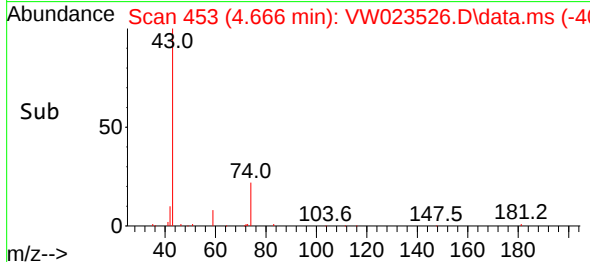
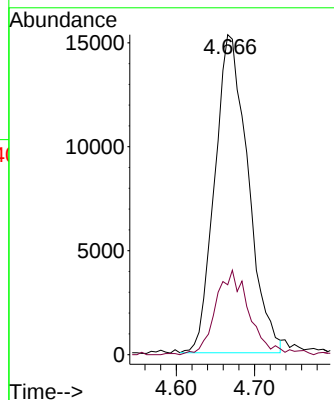
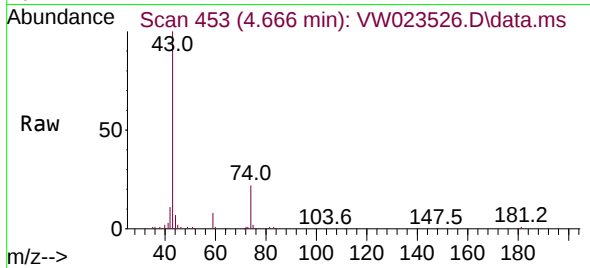




#15  
Methyl Acetate  
Concen: 23.354 ug/L  
RT: 4.666 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

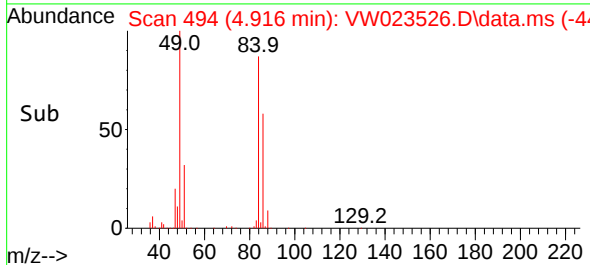
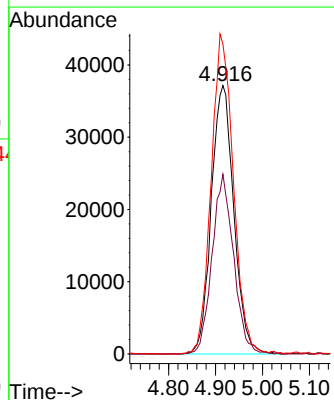
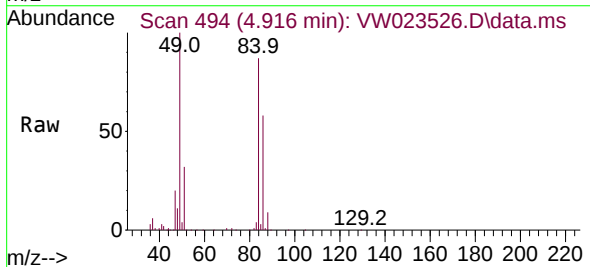
Instrument :  
MSVOA\_W  
ClientSampleId :  
VICV432

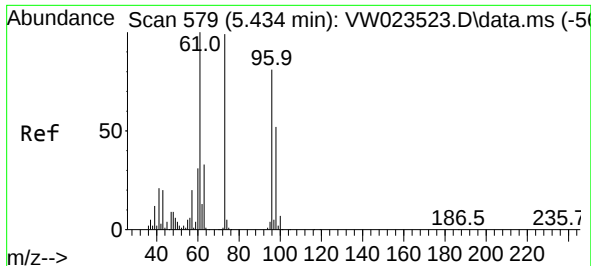
Tgt Ion: 43 Resp: 45141  
Ion Ratio Lower Upper  
43 100  
74 25.6 21.5 32.3



#16  
Methylene chloride  
Concen: 21.474 ug/L  
RT: 4.916 min Scan# 494  
Delta R.T. -0.006 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

Tgt Ion: 84 Resp: 123585  
Ion Ratio Lower Upper  
84 100  
86 66.9 47.8 88.8  
49 115.5 85.0 157.8



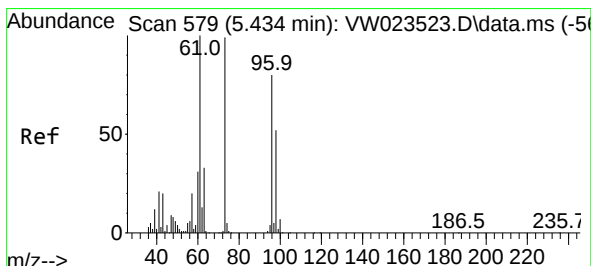
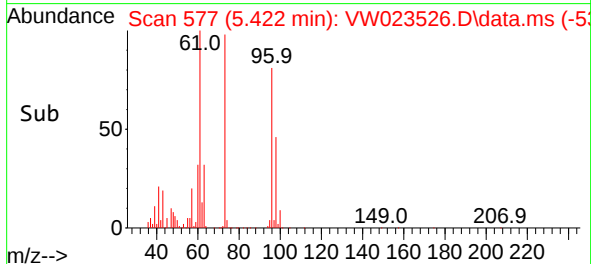
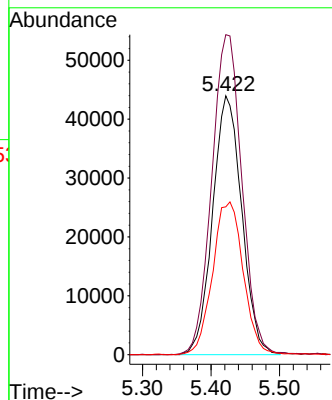
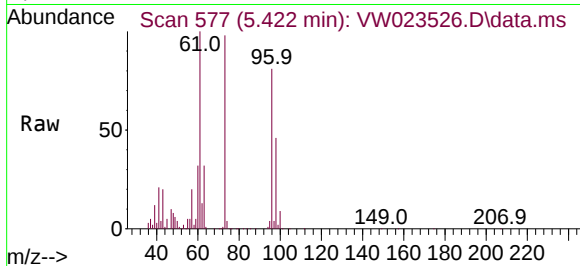


#17  
trans-1,2-Dichloroethene  
Concen: 25.019 ug/L  
RT: 5.422 min Scan# 577  
Delta R.T. -0.012 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

Instrument :  
MSVOA\_W  
ClientSampleId :  
VICV432

Tgt Ion: 96 Resp: 129769

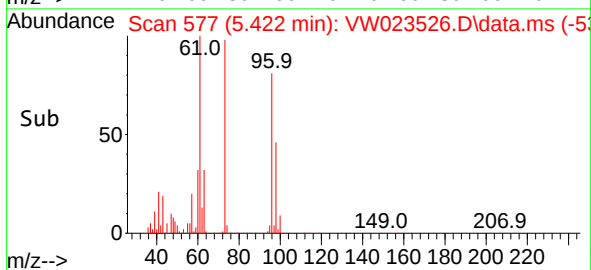
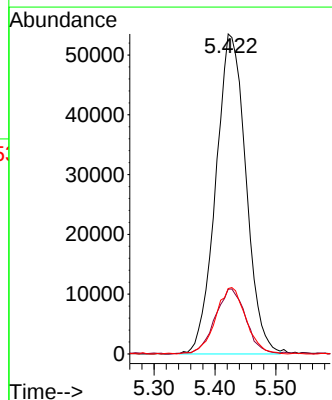
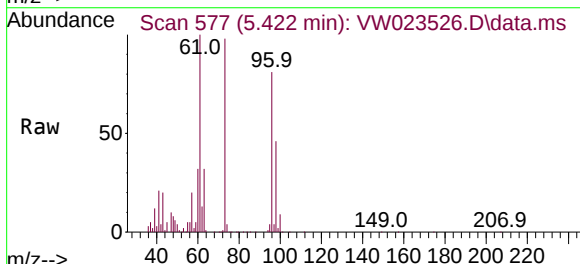
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 123.6 | 87.0  | 161.6 |
| 98  | 57.1  | 45.1  | 83.7  |

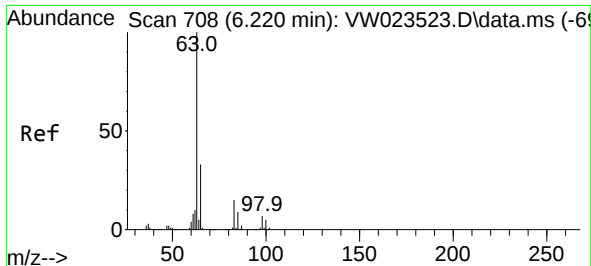


#18  
Methyl tert-butyl Ether  
Concen: 24.764 ug/L  
RT: 5.422 min Scan# 577  
Delta R.T. -0.012 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

Tgt Ion: 73 Resp: 183612

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 73  | 100   |       |       |
| 43  | 20.0  | 16.0  | 24.0  |
| 57  | 20.8  | 16.7  | 25.1  |





#19

1,1-Dichloroethane

Concen: 24.315 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW023526.D

Acq: 28 Jun 2022 12:14

Instrument :

MSVOA\_W

ClientSampleId :

VICV432

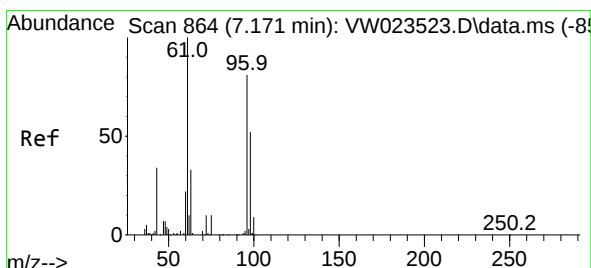
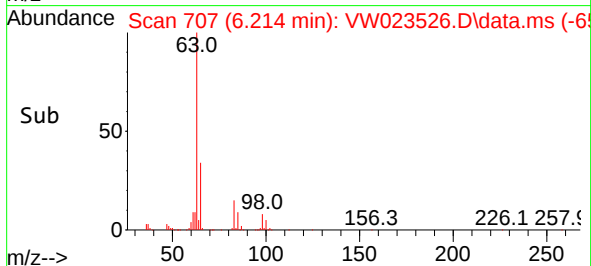
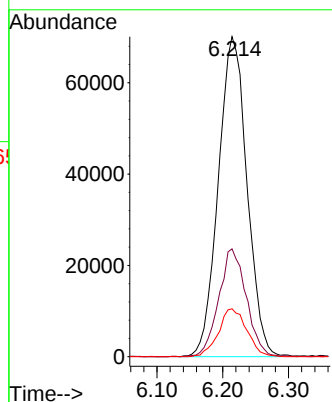
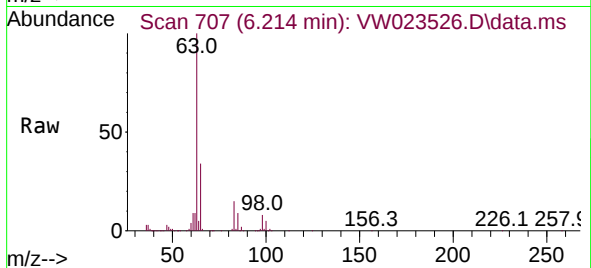
Tgt Ion: 63 Resp: 212576

Ion Ratio Lower Upper

63 100

65 33.7 23.2 43.2

83 14.9 10.7 19.9



#22

2-Butanone

Concen: 41.484 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW023526.D

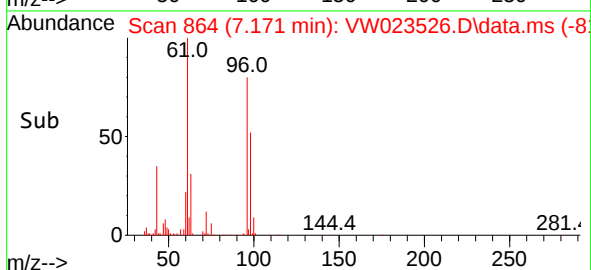
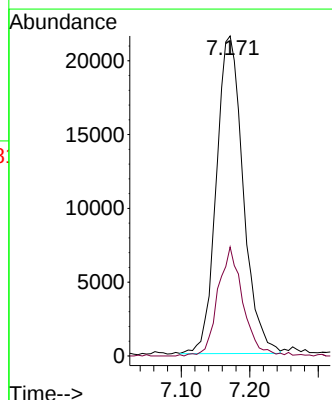
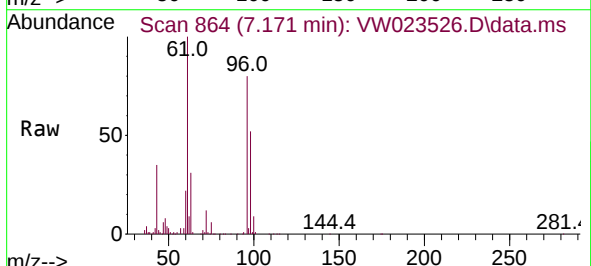
Acq: 28 Jun 2022 12:14

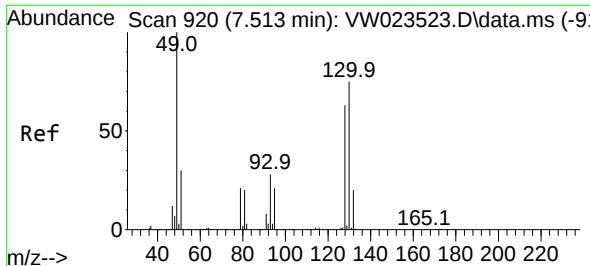
Tgt Ion: 43 Resp: 58506

Ion Ratio Lower Upper

43 100

72 31.6 15.9 47.6

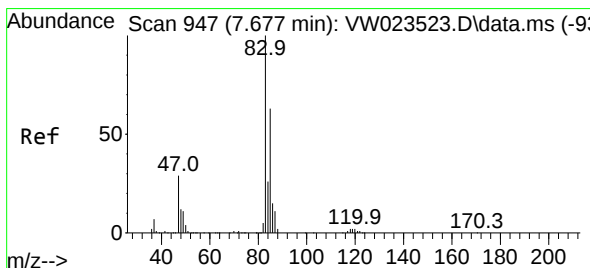
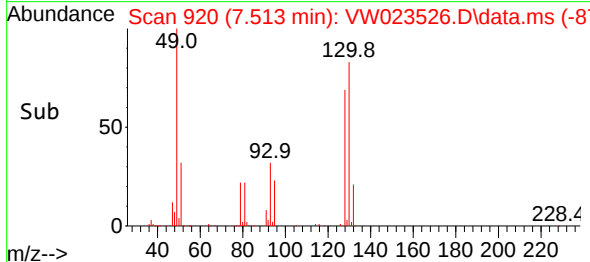
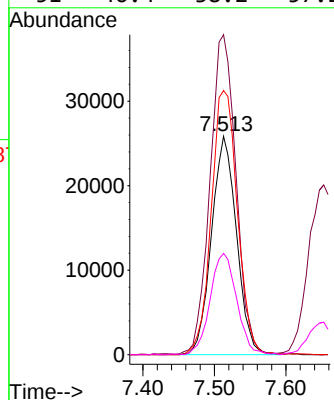
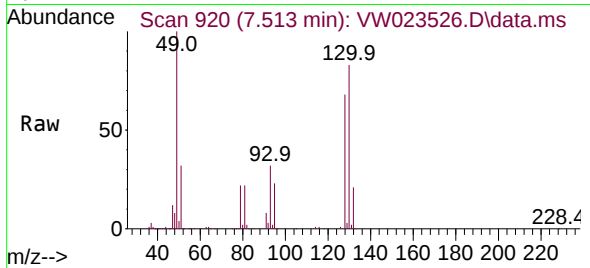




#23  
Bromochloromethane  
Concen: 24.289 ug/L  
RT: 7.513 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

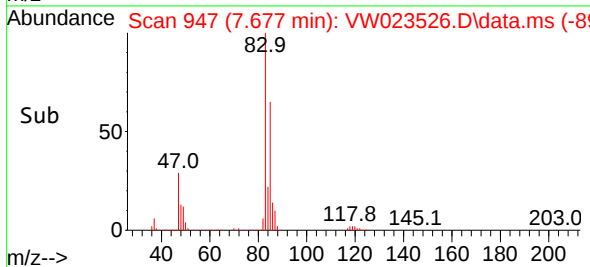
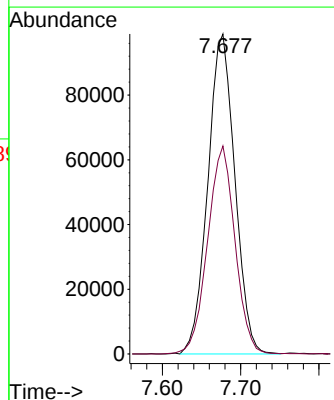
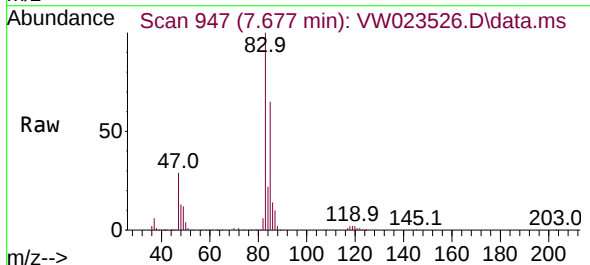
Instrument :  
MSVOA\_W  
ClientSampleId :  
VICV432

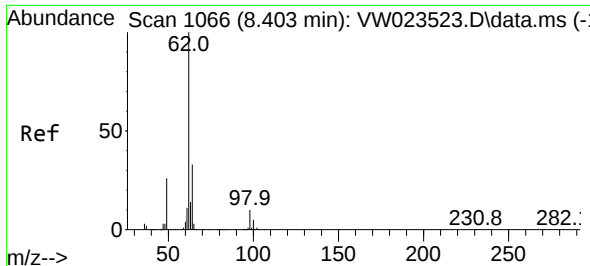
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 62775 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 49       | 146.6 | 111.6 | 207.2 |
| 130      | 121.0 | 83.6  | 155.2 |
| 51       | 46.4  | 38.2  | 57.2  |



#25  
Chloroform  
Concen: 24.101 ug/L  
RT: 7.677 min Scan# 947  
Delta R.T. 0.000 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 237353 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 65.0  | 44.1  | 81.9   |





#27

1,2-Dichloroethane

Concen: 24.112 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW023526.D

Acq: 28 Jun 2022 12:14

Instrument :

MSVOA\_W

ClientSampleId :

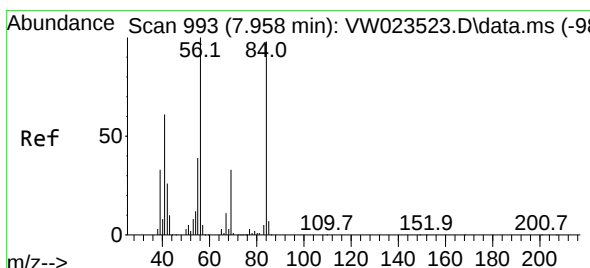
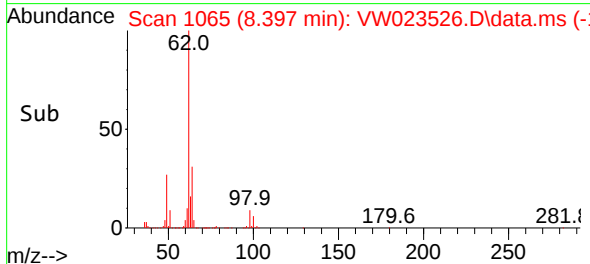
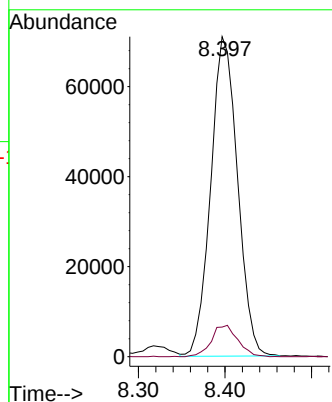
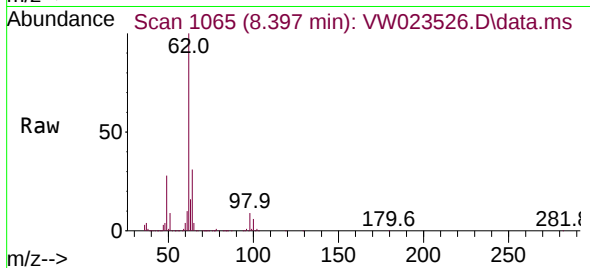
VICV432

Tgt Ion: 62 Resp: 152686

Ion Ratio Lower Upper

62 100

98 9.2 7.8 11.6



#29

Cyclohexane

Concen: 25.822 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.006 min

Lab File: VW023526.D

Acq: 28 Jun 2022 12:14

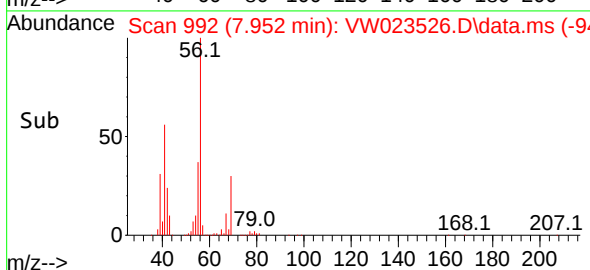
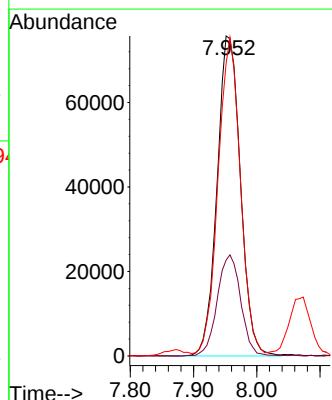
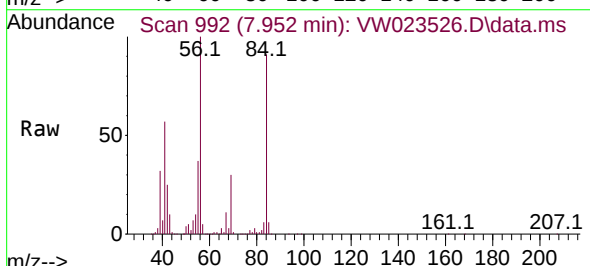
Tgt Ion: 56 Resp: 194015

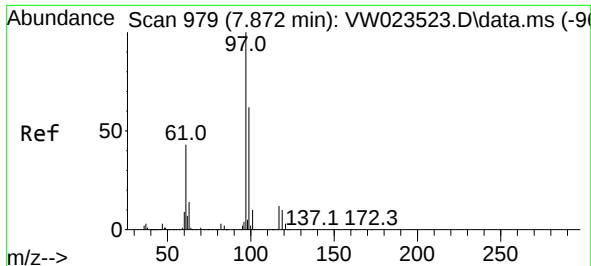
Ion Ratio Lower Upper

56 100

69 31.1 25.6 38.4

84 95.4 75.8 113.8

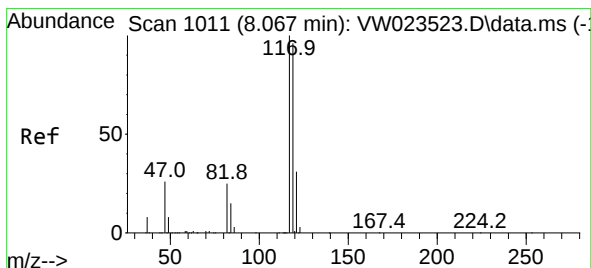
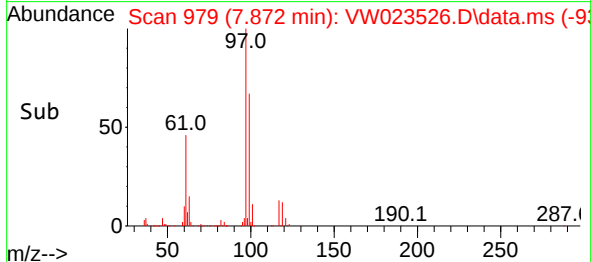
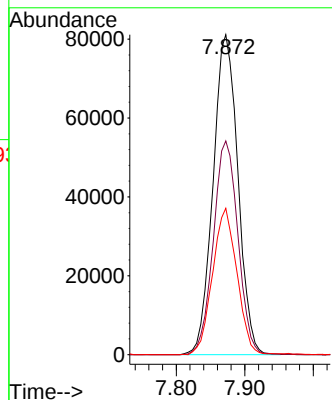
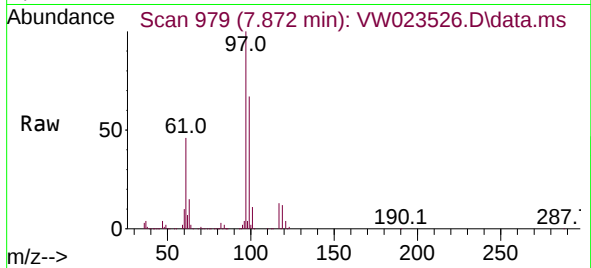




#30  
1,1,1-Trichloroethane  
Concen: 23.472 ug/L  
RT: 7.872 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

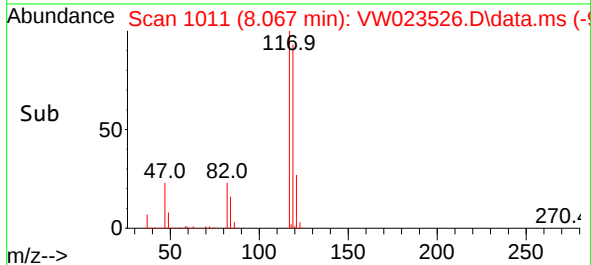
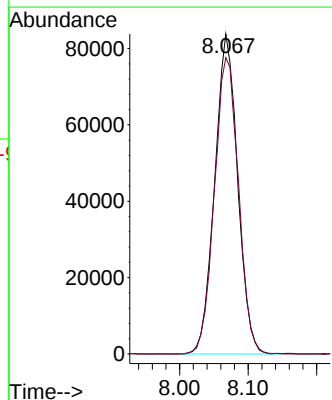
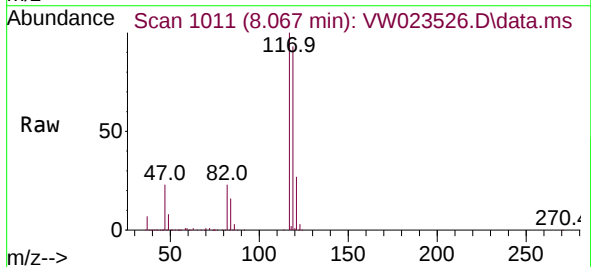
Instrument :  
MSVOA\_W  
ClientSampleId :  
VICV432

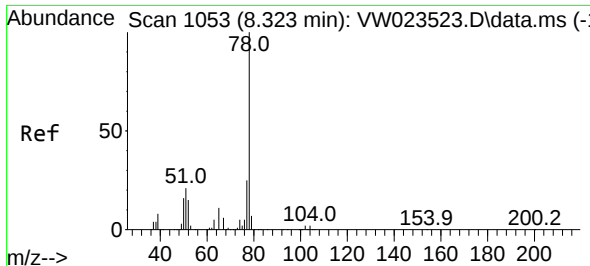
Tgt Ion: 97 Resp: 204436  
Ion Ratio Lower Upper  
97 100  
99 66.1 50.6 75.8  
61 44.8 35.1 52.7



#31  
Carbon tetrachloride  
Concen: 24.331 ug/L  
RT: 8.067 min Scan# 1011  
Delta R.T. 0.000 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

Tgt Ion: 117 Resp: 194605  
Ion Ratio Lower Upper  
117 100  
119 97.0 76.6 114.8

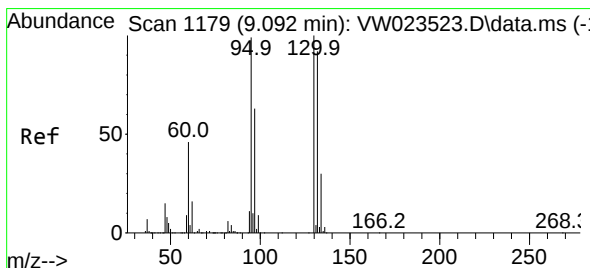
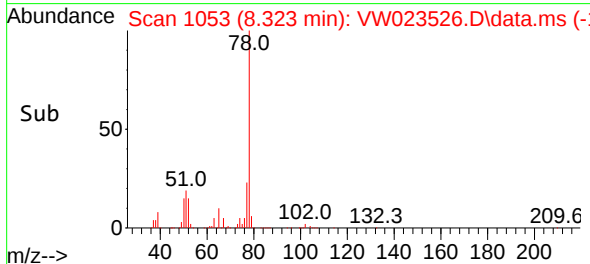
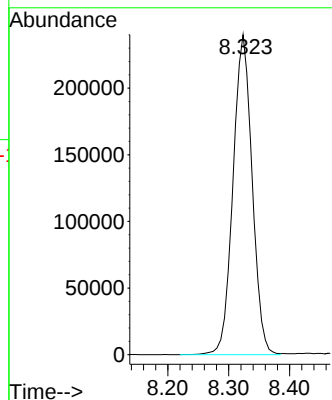
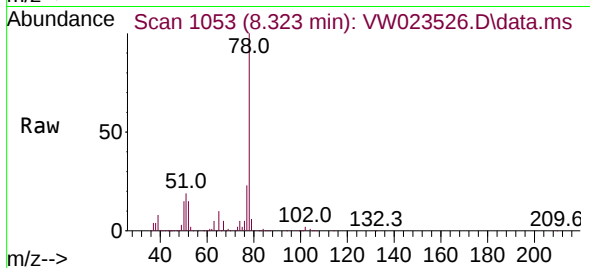




#33  
Benzene  
Concen: 24.713 ug/L  
RT: 8.323 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

Instrument :  
MSVOA\_W  
ClientSampleId :  
VICV432

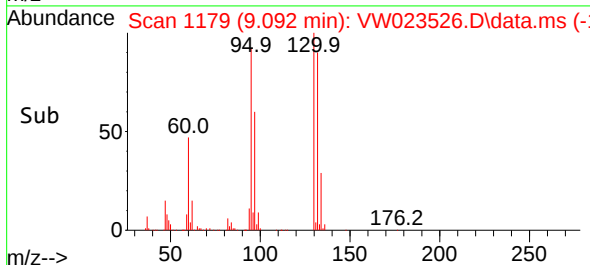
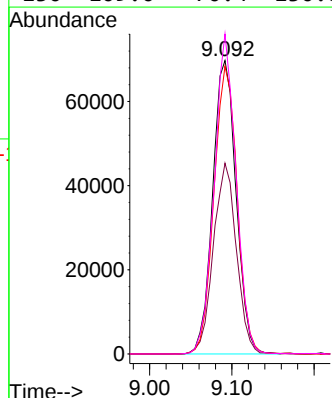
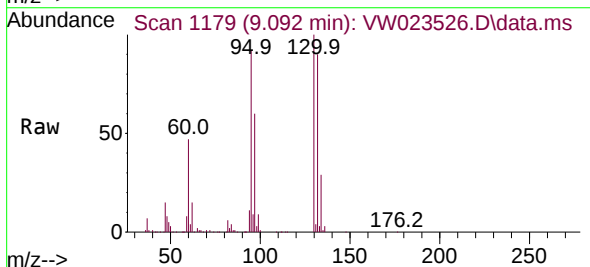
Tgt Ion: 78 Resp: 523519

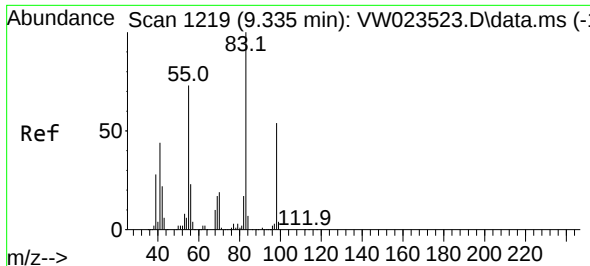


#34  
Trichloroethene  
Concen: 23.639 ug/L  
RT: 9.092 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

Tgt Ion: 95 Resp: 137962

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 65.0  | 44.2  | 82.0  |
| 132 | 98.0  | 64.6  | 120.0 |
| 130 | 109.0 | 70.4  | 130.8 |

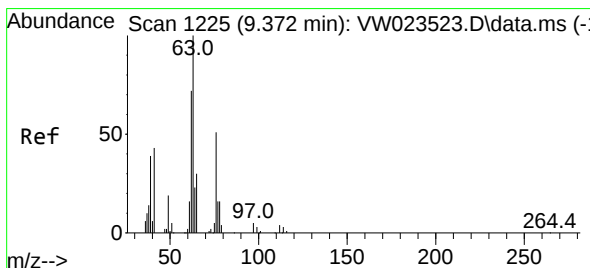
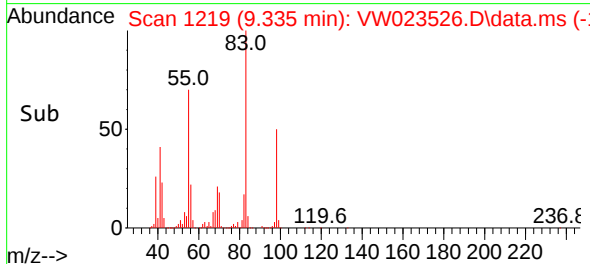
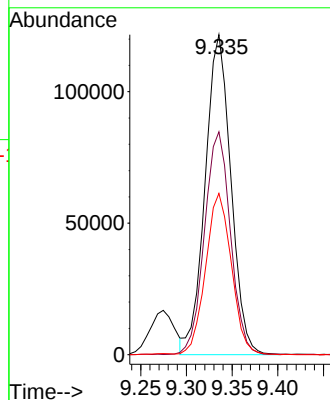
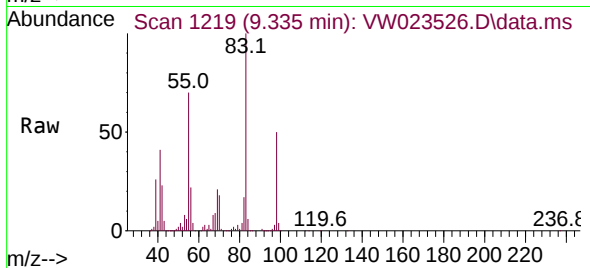




#35  
Methylcyclohexane  
Concen: 25.712 ug/L  
RT: 9.335 min Scan# 1219  
Delta R.T. 0.000 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

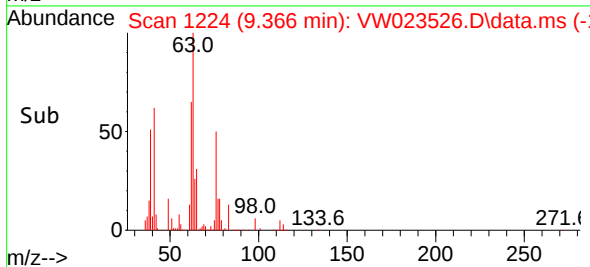
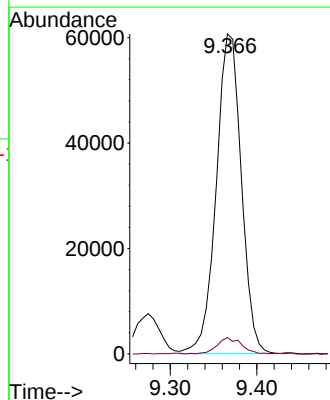
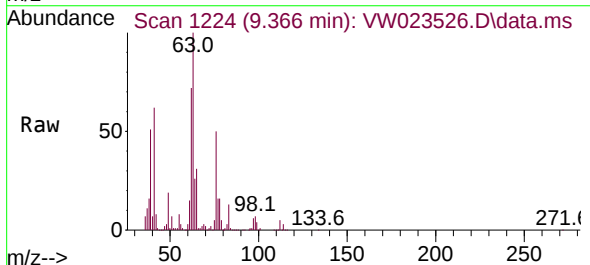
Instrument :  
MSVOA\_W  
ClientSampleId :  
VICV432

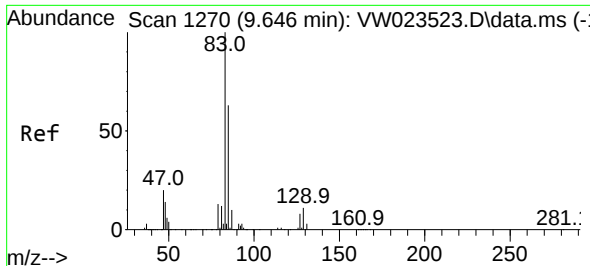
Tgt Ion: 83 Resp: 238703  
Ion Ratio Lower Upper  
83 100  
55 70.2 56.2 84.2  
98 50.4 40.7 61.1



#37  
1,2-Dichloropropane  
Concen: 24.222 ug/L  
RT: 9.366 min Scan# 1224  
Delta R.T. -0.006 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

Tgt Ion: 63 Resp: 122014  
Ion Ratio Lower Upper  
63 100  
112 5.0 3.9 5.9

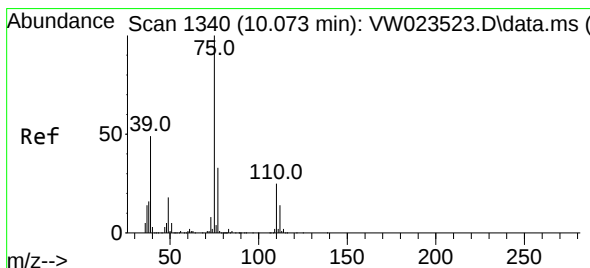
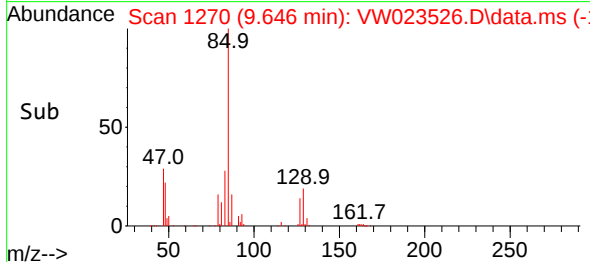
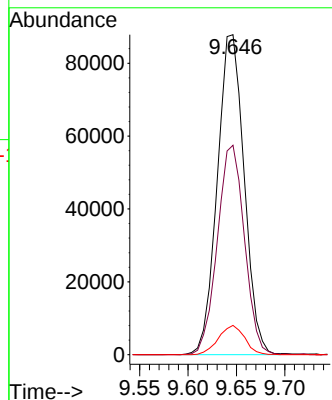
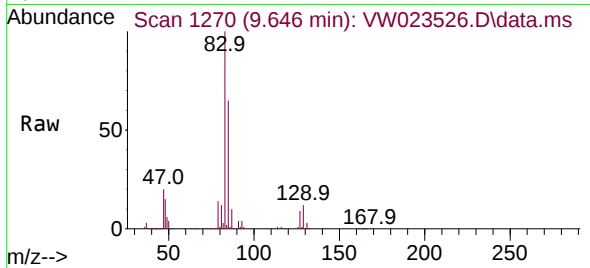




#38  
Bromodichloromethane  
Concen: 23.526 ug/L  
RT: 9.646 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

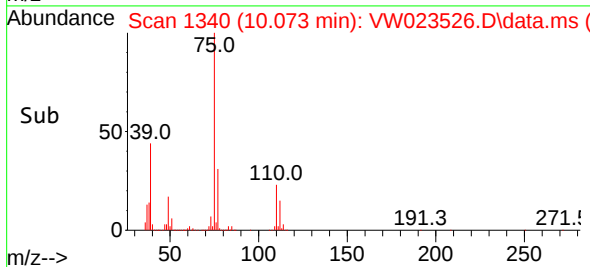
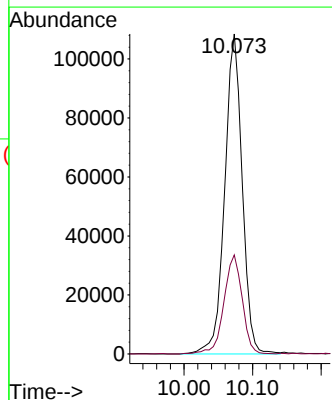
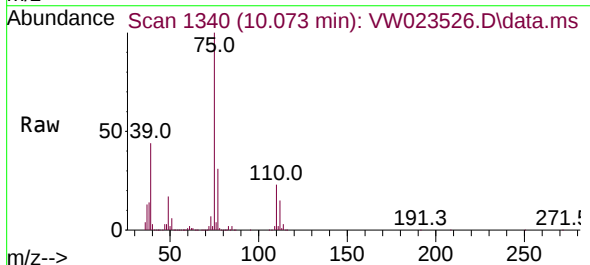
Instrument :  
MSVOA\_W  
ClientSampleId :  
VICV432

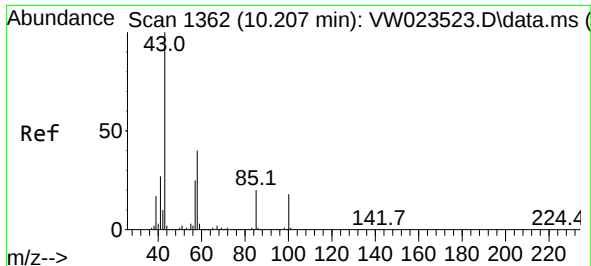
Tgt Ion: 83 Resp: 169748  
Ion Ratio Lower Upper  
83 100  
85 65.4 44.4 82.4  
127 9.1 6.4 9.6



#39  
cis-1,3-Dichloropropene  
Concen: 24.879 ug/L  
RT: 10.073 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

Tgt Ion: 75 Resp: 192157  
Ion Ratio Lower Upper  
75 100  
77 30.9 23.0 42.8





#40

4-Methyl-2-pentanone

Concen: 47.873 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023526.D

Acq: 28 Jun 2022 12:14

Instrument :

MSVOA\_W

ClientSampleId :

VICV432

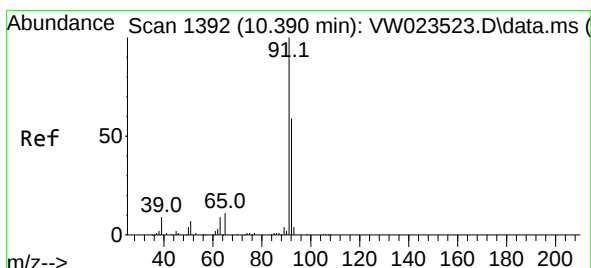
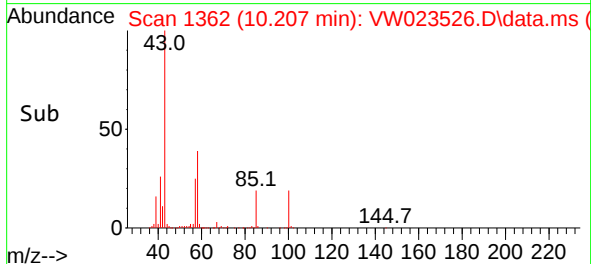
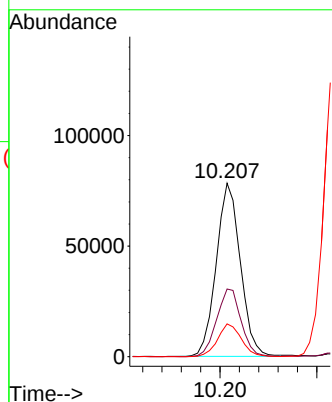
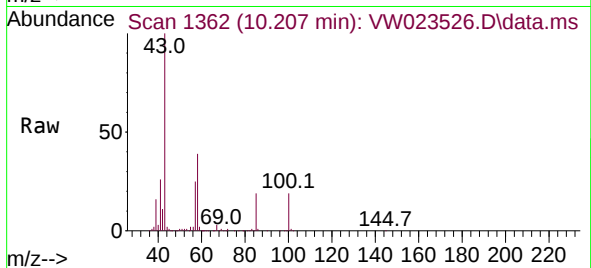
Tgt Ion: 43 Resp: 135521

Ion Ratio Lower Upper

43 100

58 39.5 31.1 46.7

100 18.7 13.8 20.6



#42

Toluene

Concen: 24.854 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW023526.D

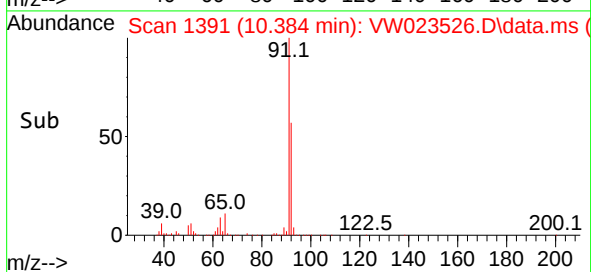
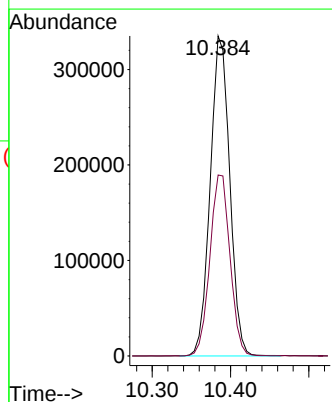
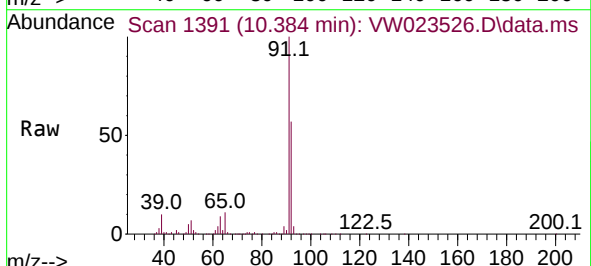
Acq: 28 Jun 2022 12:14

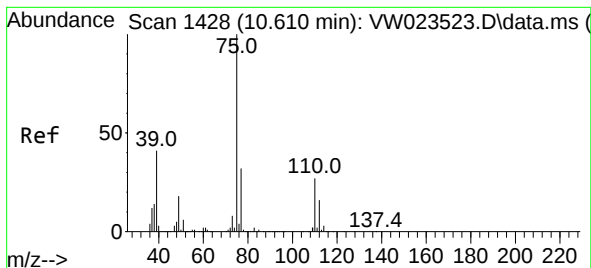
Tgt Ion: 91 Resp: 579249

Ion Ratio Lower Upper

91 100

92 56.5 41.2 76.4





#44

trans-1,3-Dichloropropene

Concen: 24.928 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. -0.006 min

Lab File: VW023526.D

Acq: 28 Jun 2022 12:14

Instrument :

MSVOA\_W

ClientSampleId :

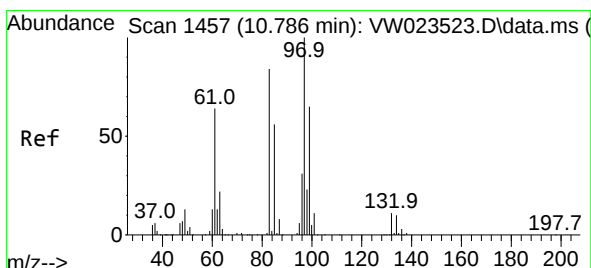
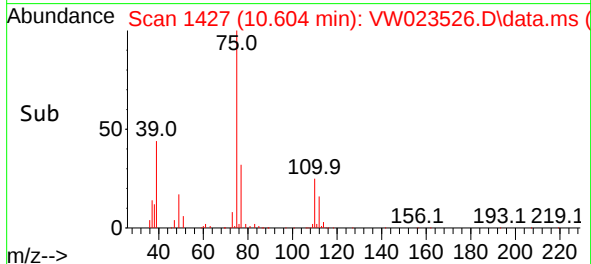
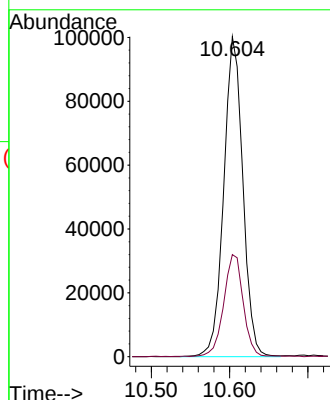
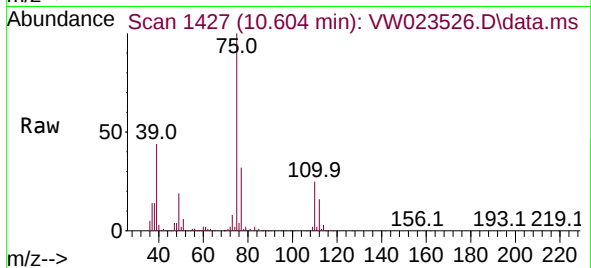
VICV432

Tgt Ion: 75 Resp: 169985

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.3



#45

1,1,2-Trichloroethane

Concen: 23.869 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW023526.D

Acq: 28 Jun 2022 12:14

Tgt Ion: 97 Resp: 97979

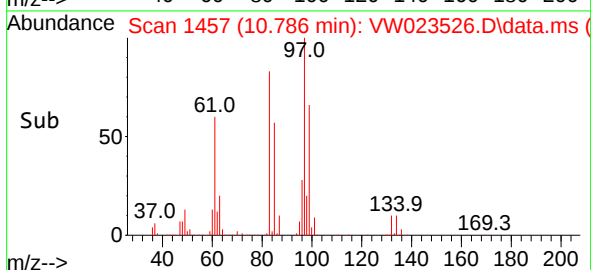
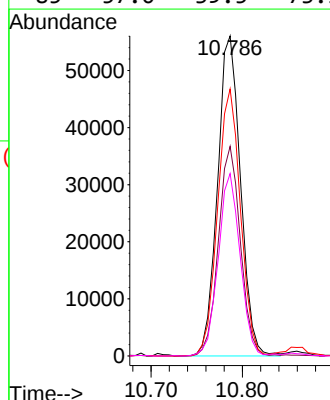
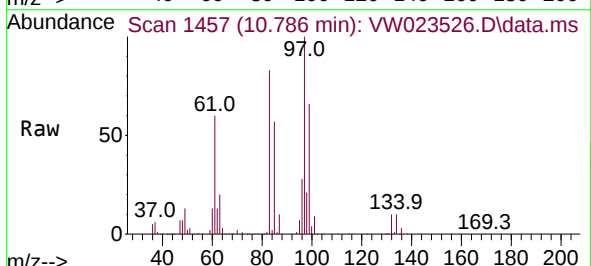
Ion Ratio Lower Upper

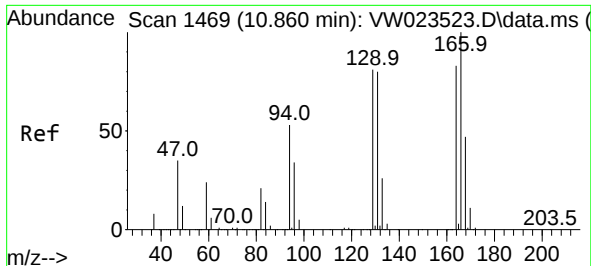
97 100

99 65.5 45.3 84.1

83 83.4 58.9 109.5

85 57.0 39.5 73.3

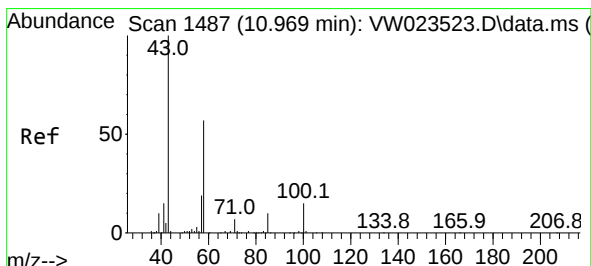
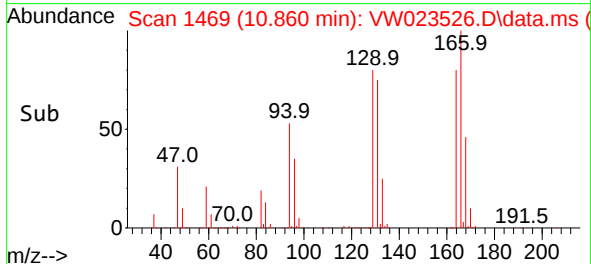
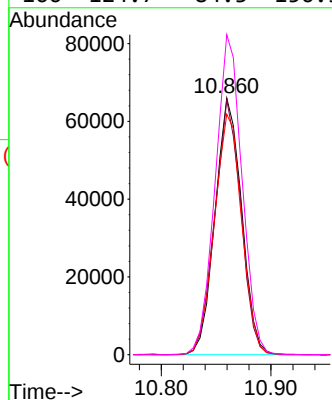
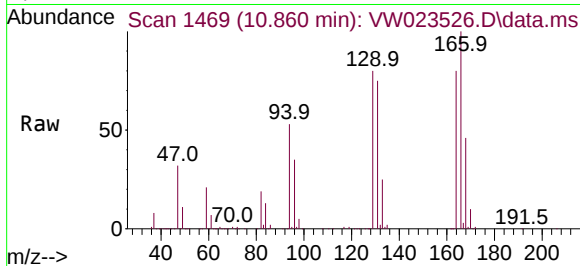




#46  
Tetrachloroethene  
Concen: 24.104 ug/L  
RT: 10.860 min Scan# 1469  
Delta R.T. 0.000 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

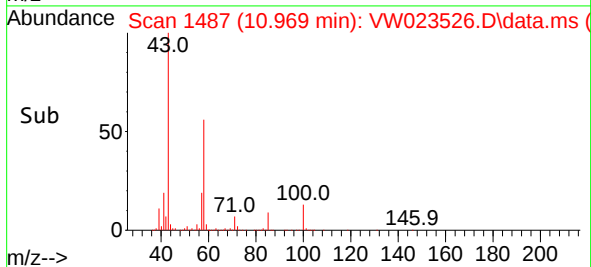
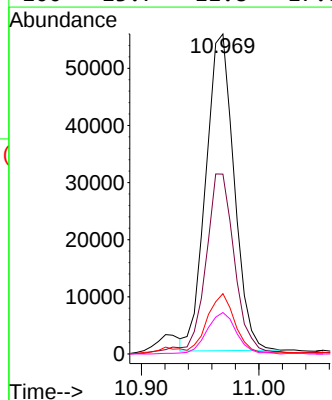
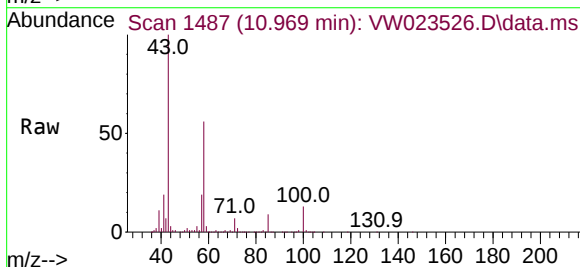
Instrument :  
MSVOA\_W  
ClientSampleId :  
VICV432

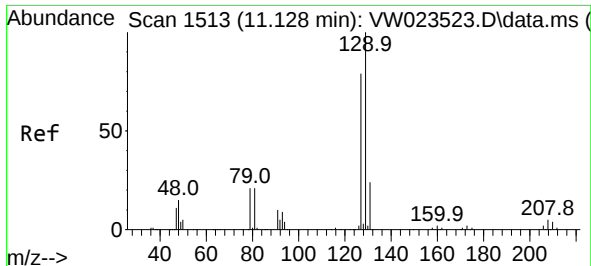
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 111042 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 129      | 99.2  | 68.6  | 127.4  |
| 131      | 93.7  | 67.3  | 124.9  |
| 166      | 124.7 | 84.3  | 156.5  |



#48  
2-Hexanone  
Concen: 48.319 ug/L  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 92769 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 57.1  | 44.4  | 66.6  |
| 57       | 18.8  | 15.5  | 23.3  |
| 100      | 13.7  | 11.8  | 17.8  |





#49

Dibromochloromethane

Concen: 24.456 ug/L

RT: 11.128 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023526.D

Acq: 28 Jun 2022 12:14

Instrument :

MSVOA\_W

ClientSampleId :

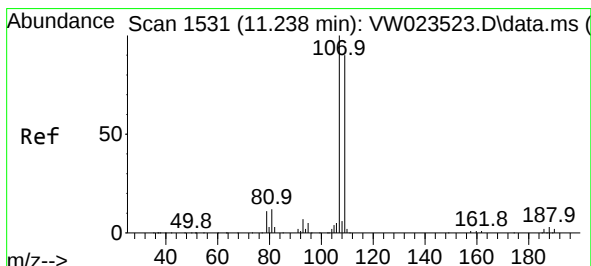
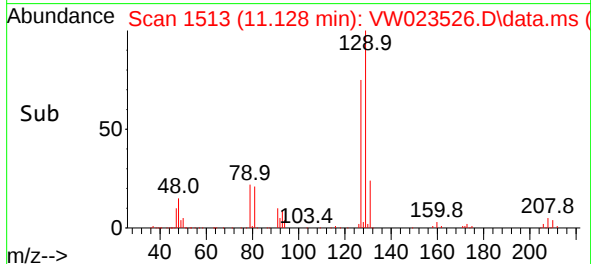
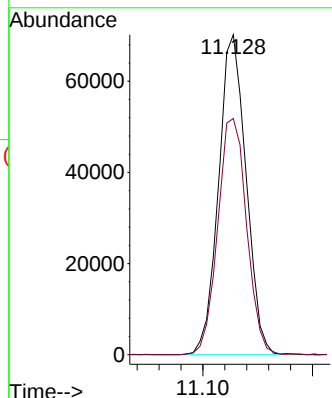
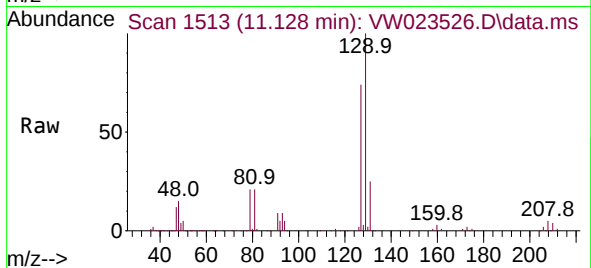
VICV432

Tgt Ion:129 Resp: 122389

Ion Ratio Lower Upper

129 100

127 73.8 55.4 103.0



#50

1,2-Dibromoethane

Concen: 24.612 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.006 min

Lab File: VW023526.D

Acq: 28 Jun 2022 12:14

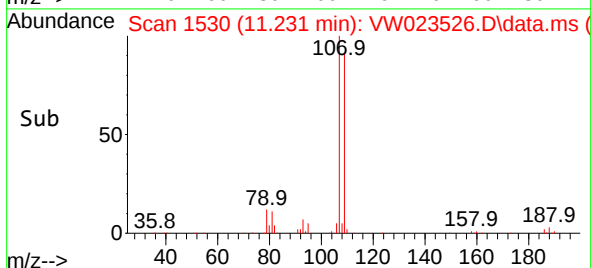
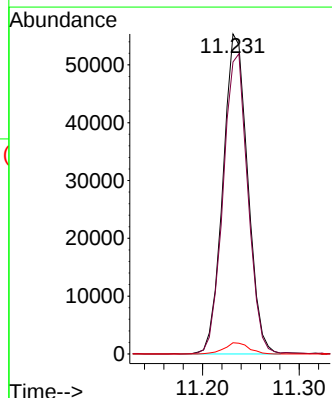
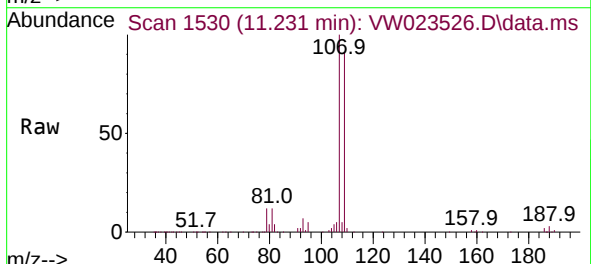
Tgt Ion:107 Resp: 98269

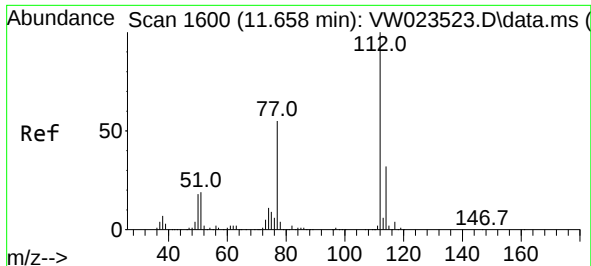
Ion Ratio Lower Upper

107 100

109 91.2 62.7 116.5

188 3.5 2.6 4.0

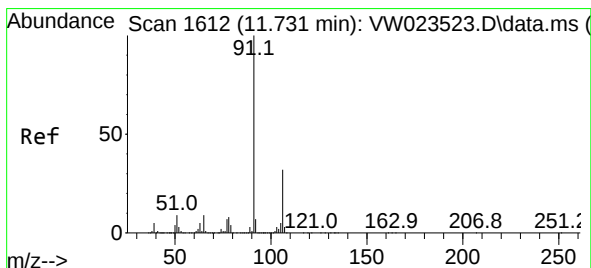
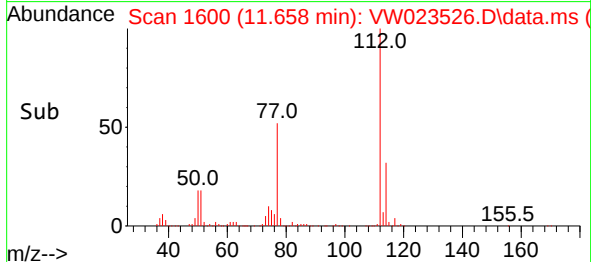
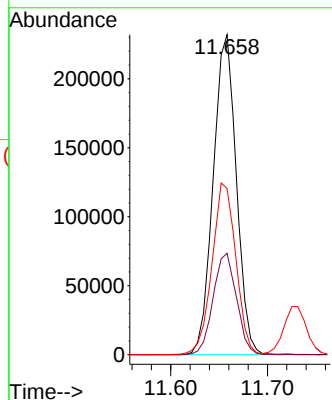
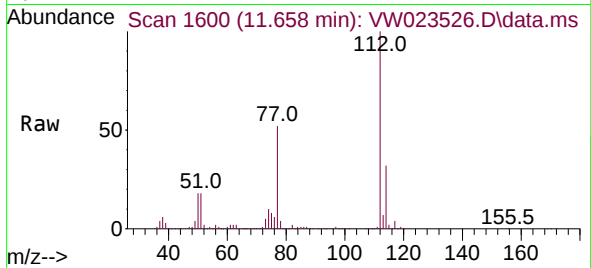




#51  
Chlorobenzene  
Concen: 24.297 ug/L  
RT: 11.658 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

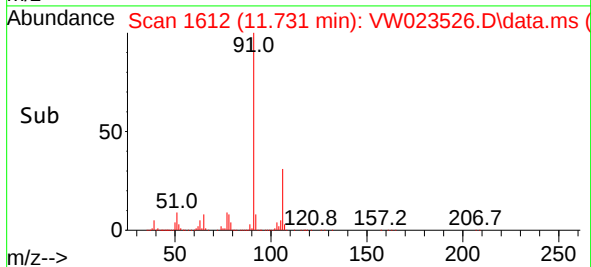
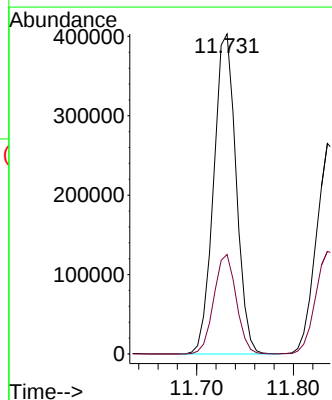
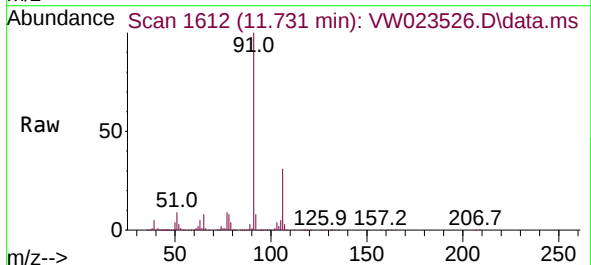
Instrument :  
MSVOA\_W  
ClientSampleId :  
VICV432

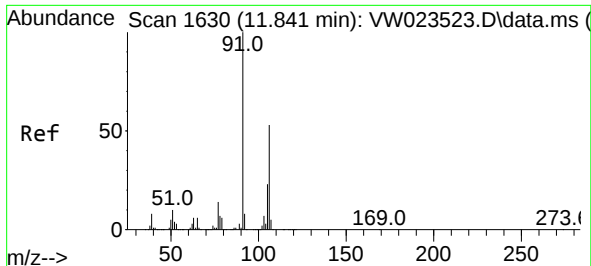
Tgt Ion:112 Resp: 384456  
Ion Ratio Lower Upper  
112 100  
114 31.7 22.3 41.3  
77 51.9 43.9 65.9



#52  
Ethylbenzene  
Concen: 25.021 ug/L  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

Tgt Ion: 91 Resp: 649579  
Ion Ratio Lower Upper  
91 100  
106 31.1 22.7 42.1

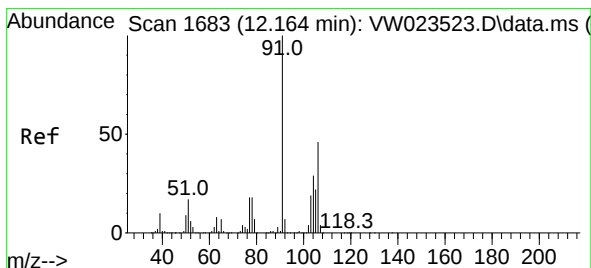
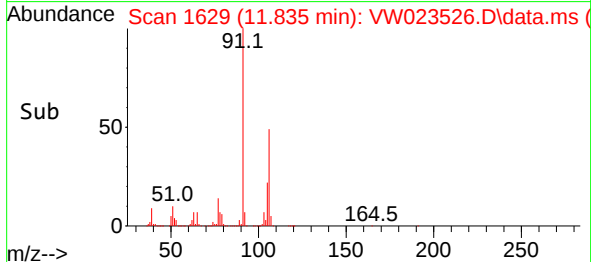
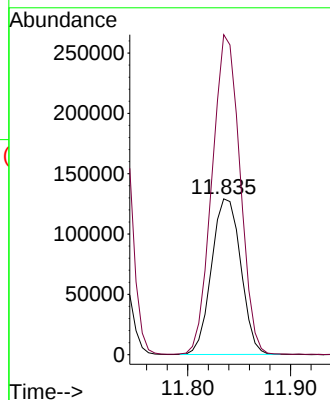
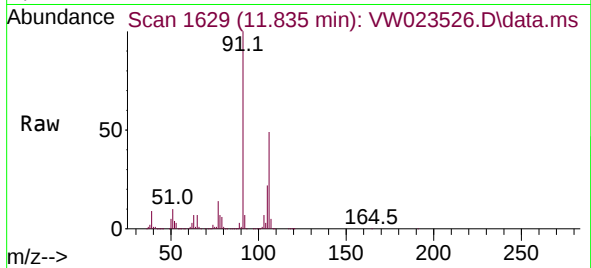




#53  
m,p-Xylene  
Concen: 24.815 ug/L  
RT: 11.835 min Scan# 1629  
Delta R.T. -0.006 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

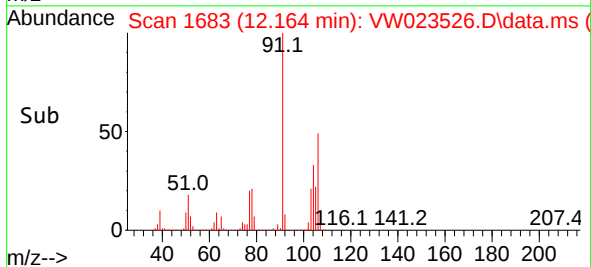
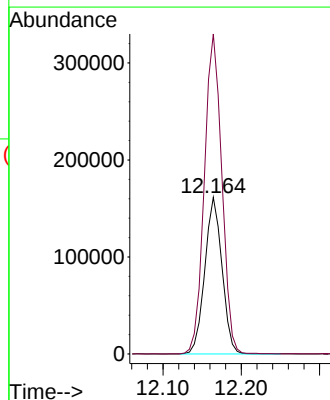
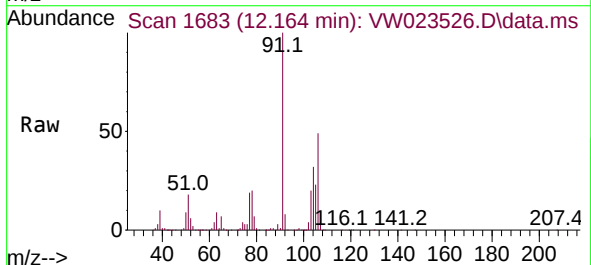
Instrument :  
MSVOA\_W  
ClientSampleId :  
VICV432

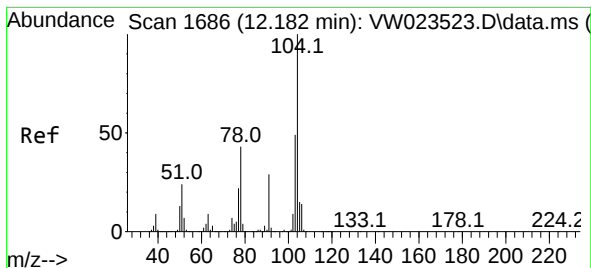
Tgt Ion:106 Resp: 254624  
Ion Ratio Lower Upper  
106 100  
91 205.3 131.8 244.8



#54  
o-Xylene  
Concen: 25.783 ug/L  
RT: 12.164 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

Tgt Ion:106 Resp: 245957  
Ion Ratio Lower Upper  
106 100  
91 204.3 153.6 285.3





#55

Styrene

Concen: 25.655 ug/L

RT: 12.176 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW023526.D

Acq: 28 Jun 2022 12:14

Instrument :

MSVOA\_W

ClientSampleId :

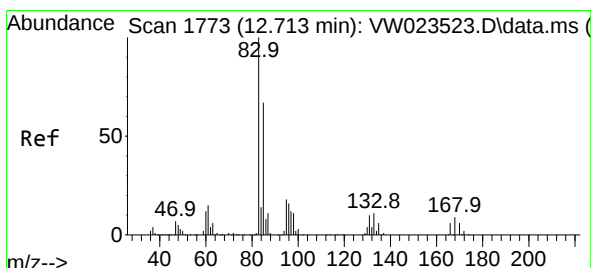
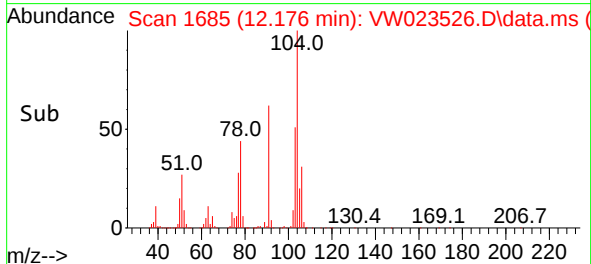
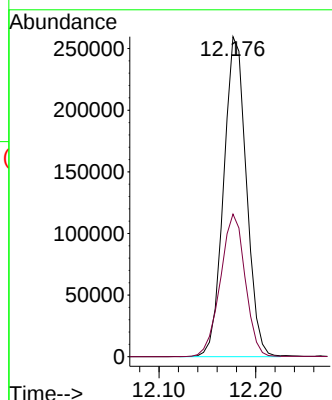
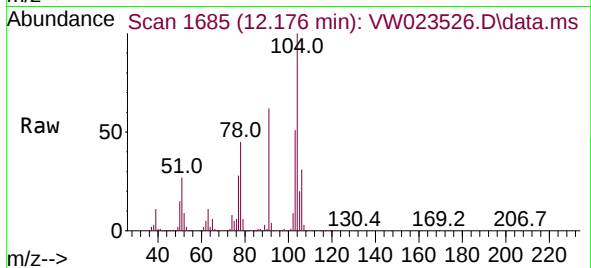
VICV432

Tgt Ion:104 Resp: 423774

Ion Ratio Lower Upper

104 100

78 44.5 30.2 56.2



#57

1,1,2,2-Tetrachloroethane

Concen: 24.072 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW023526.D

Acq: 28 Jun 2022 12:14

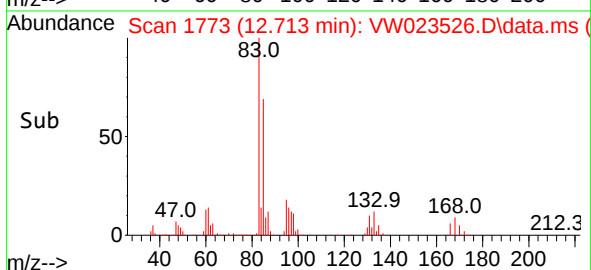
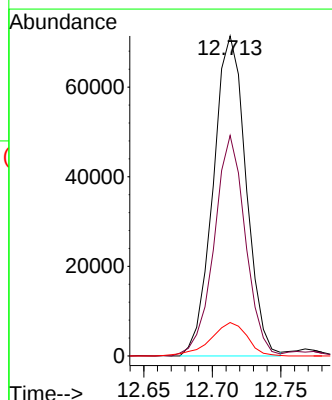
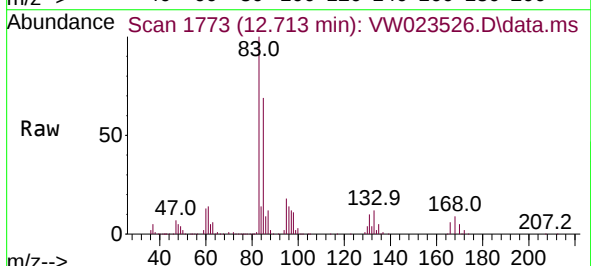
Tgt Ion: 83 Resp: 119217

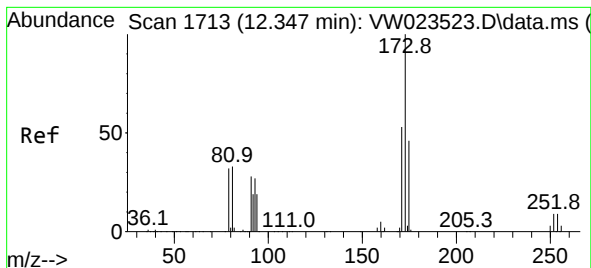
Ion Ratio Lower Upper

83 100

85 68.9 46.8 87.0

131 10.5 8.1 12.1





#59

Bromoform

Concen: 23.212 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023526.D

Acq: 28 Jun 2022 12:14

Instrument :

MSVOA\_W

ClientSampleId :

VICV432

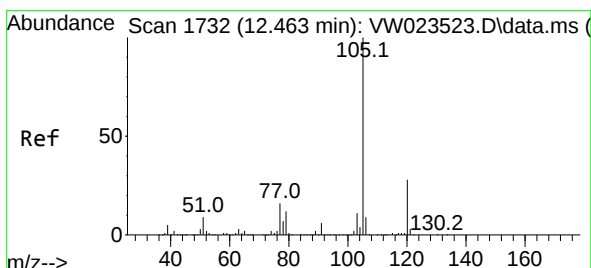
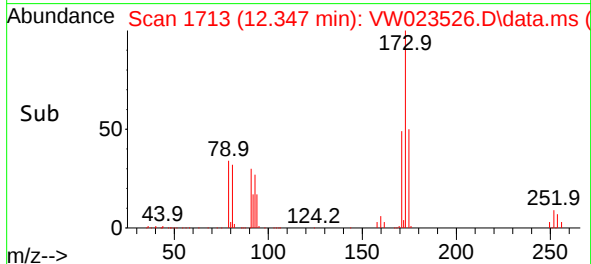
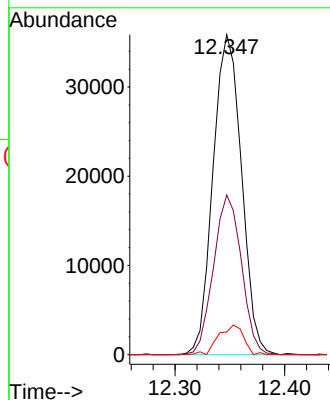
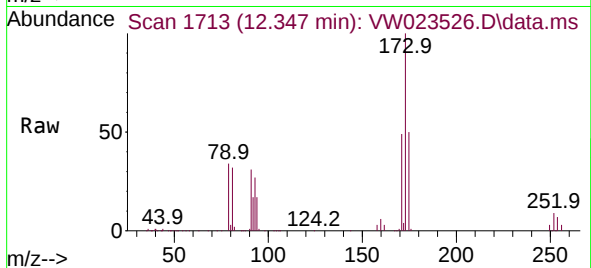
Tgt Ion:173 Resp: 64704

Ion Ratio Lower Upper

173 100

175 48.9 38.7 58.1

254 7.8 6.9 10.3



#60

Isopropylbenzene

Concen: 24.668 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW023526.D

Acq: 28 Jun 2022 12:14

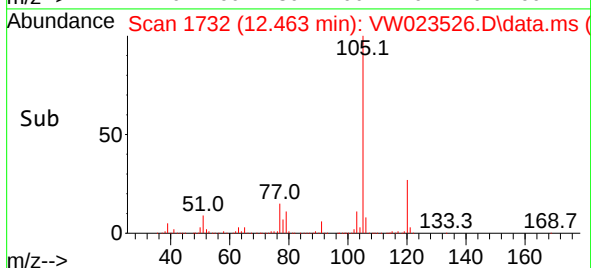
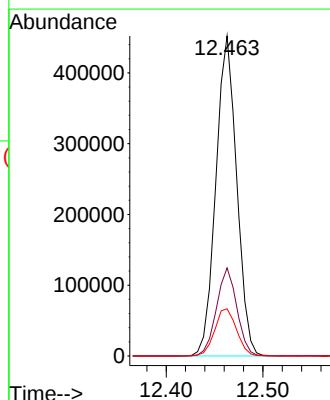
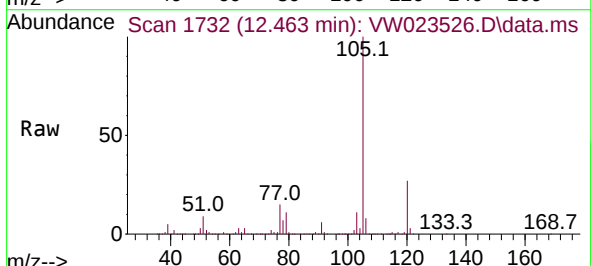
Tgt Ion:105 Resp: 675408

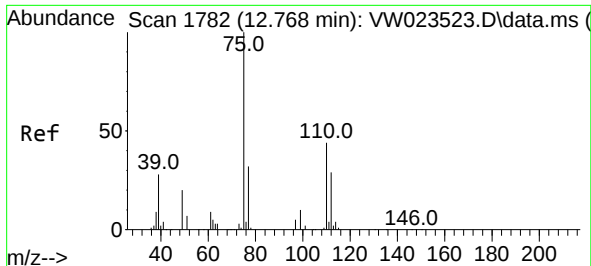
Ion Ratio Lower Upper

105 100

120 27.0 22.1 33.1

77 15.5 12.7 19.1





#61

1,2,3-Trichloropropane

Concen: 22.927 ug/L

RT: 12.768 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023526.D

Acq: 28 Jun 2022 12:14

Instrument :

MSVOA\_W

ClientSampleId :

VICV432

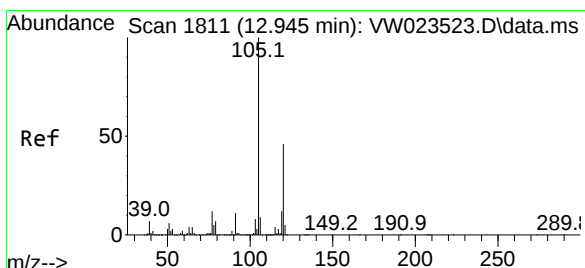
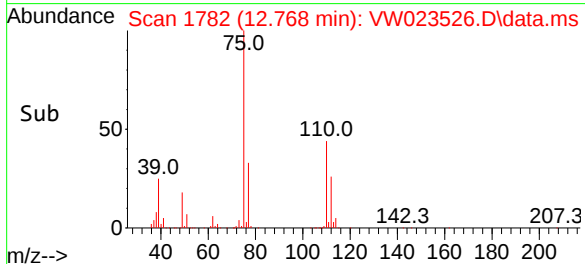
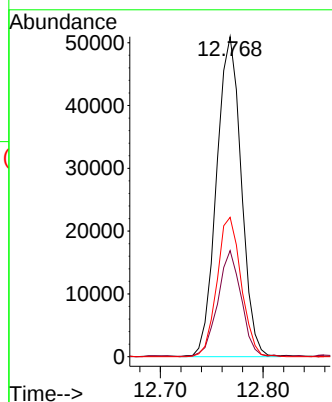
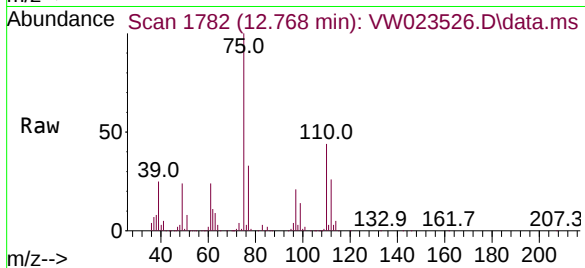
Tgt Ion: 75 Resp: 85120

Ion Ratio Lower Upper

75 100

77 31.1 26.2 39.4

110 42.5 34.0 51.0



#62

1,3,5-Trimethylbenzene

Concen: 24.953 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW023526.D

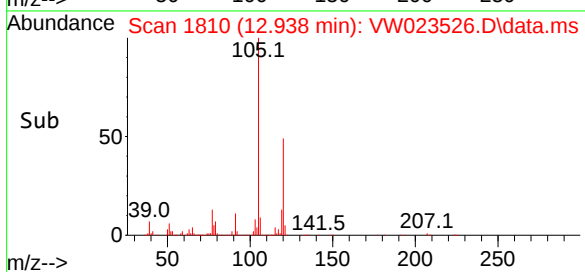
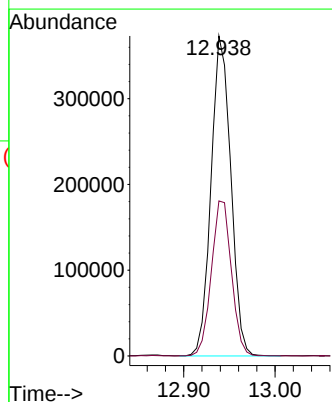
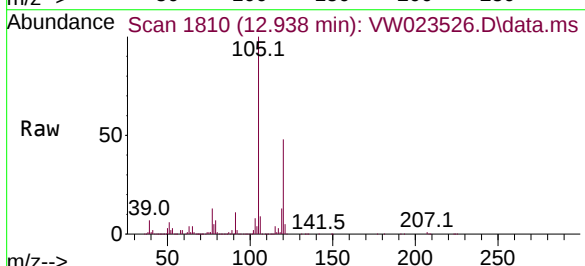
Acq: 28 Jun 2022 12:14

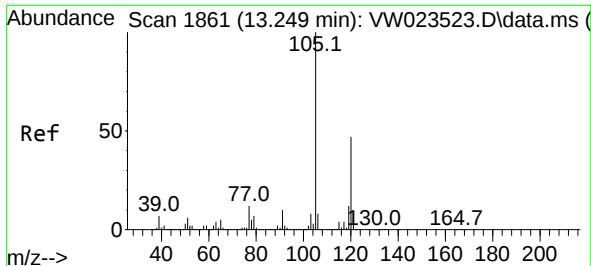
Tgt Ion: 105 Resp: 559994

Ion Ratio Lower Upper

105 100

120 49.2 39.3 58.9

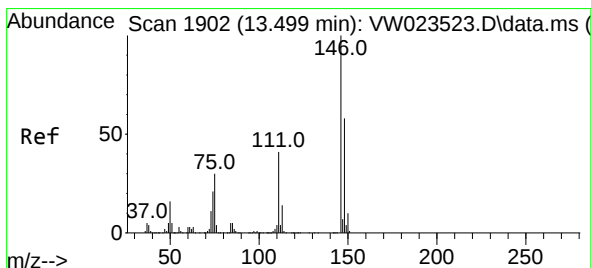
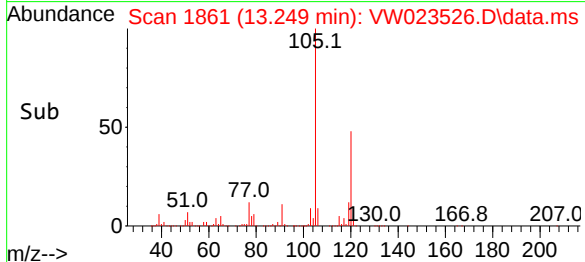
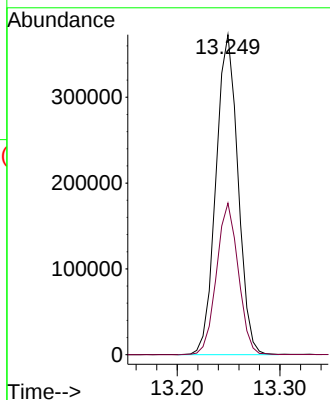
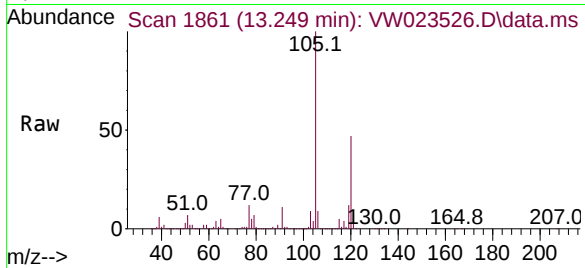




#63  
1,2,4-Trimethylbenzene  
Concen: 25.083 ug/L  
RT: 13.249 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

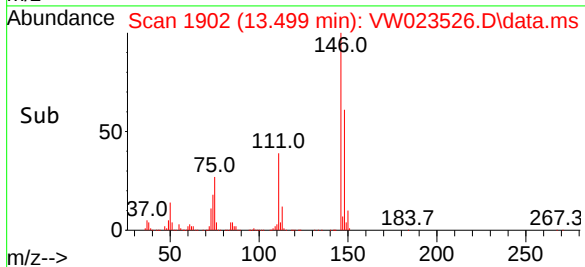
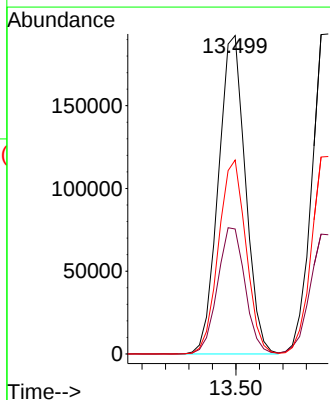
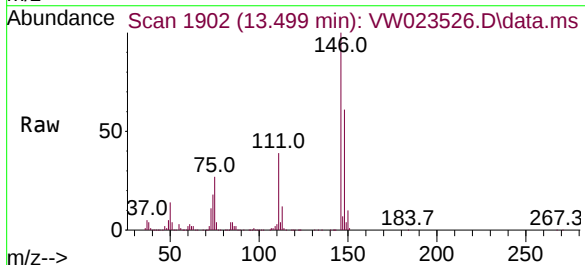
Instrument :  
MSVOA\_W  
ClientSampleId :  
VICV432

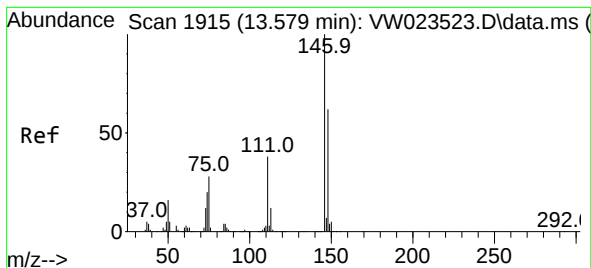
Tgt Ion:105 Resp: 555376  
Ion Ratio Lower Upper  
105 100  
120 46.7 37.3 55.9



#64  
1,3-Dichlorobenzene  
Concen: 24.422 ug/L  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

Tgt Ion:146 Resp: 307825  
Ion Ratio Lower Upper  
146 100  
111 39.2 28.6 53.2  
148 60.9 40.8 75.8





#65

1,4-Dichlorobenzene

Concen: 23.699 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW023526.D

Acq: 28 Jun 2022 12:14

Instrument :

MSVOA\_W

ClientSampleId :

VICV432

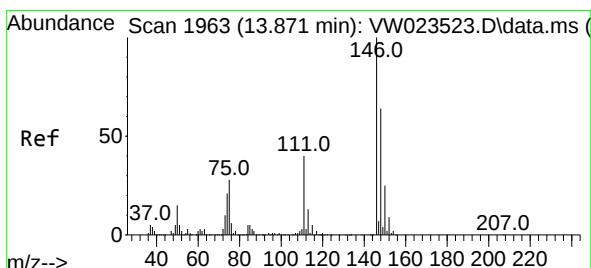
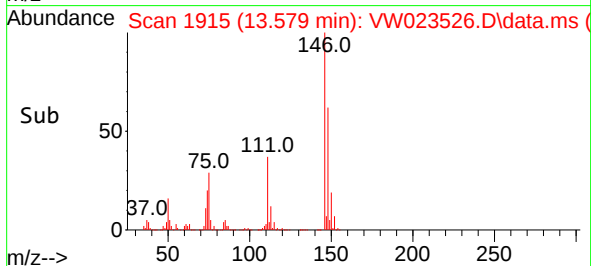
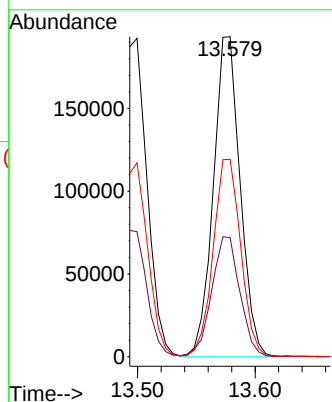
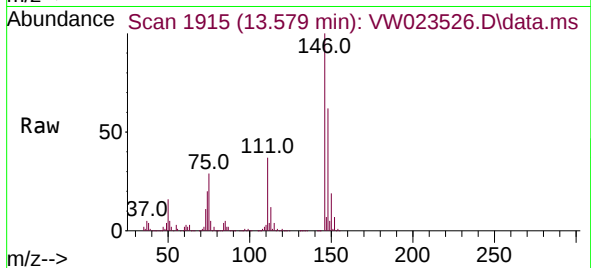
Tgt Ion:146 Resp: 306675

Ion Ratio Lower Upper

146 100

111 37.3 27.0 50.2

148 61.7 43.1 80.1



#67

1,2-Dichlorobenzene

Concen: 24.400 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW023526.D

Acq: 28 Jun 2022 12:14

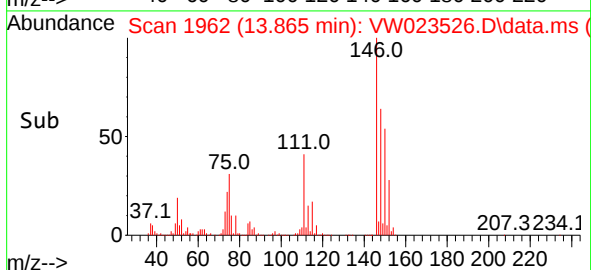
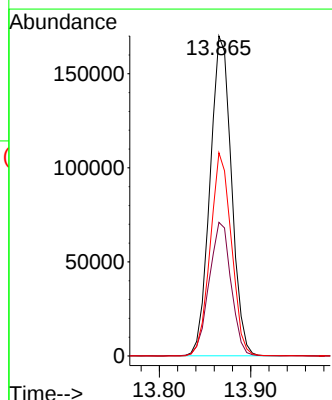
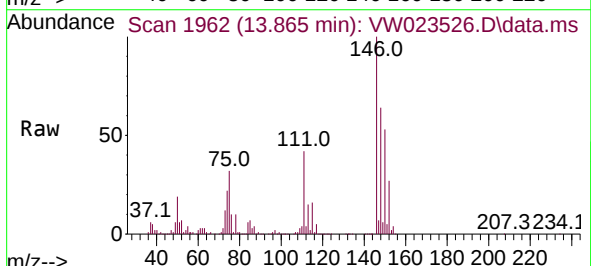
Tgt Ion:146 Resp: 277293

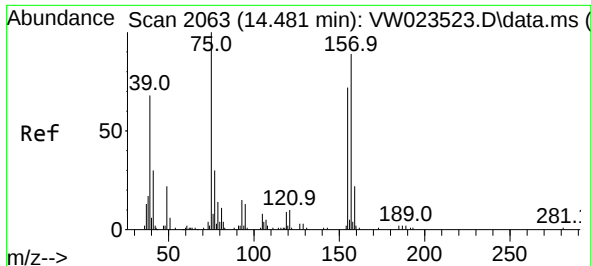
Ion Ratio Lower Upper

146 100

111 41.8 31.7 47.5

148 63.5 51.0 76.6





#68

1,2-Dibromo-3-chloropropane

Concen: 21.714 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023526.D

Acq: 28 Jun 2022 12:14

Instrument :

MSVOA\_W

ClientSampleId :

VICV432

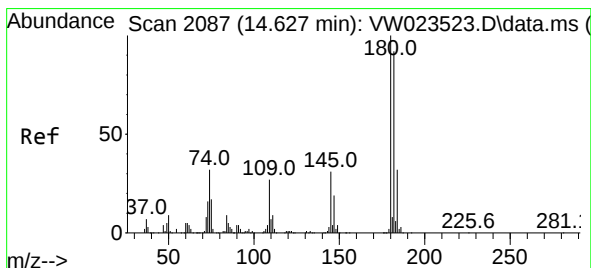
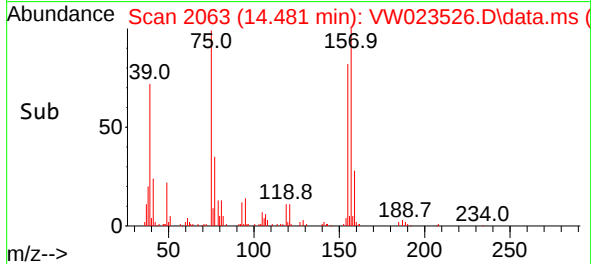
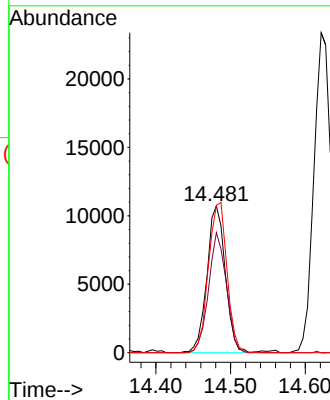
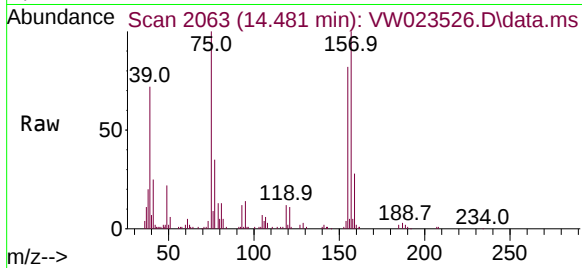
Tgt Ion: 75 Resp: 18510

Ion Ratio Lower Upper

75 100

155 81.7 57.5 86.3

157 100.2 71.4 107.2



#69

1,3,5-Trichlorobenzene

Concen: 24.438 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW023526.D

Acq: 28 Jun 2022 12:14

Tgt Ion:180 Resp: 201767

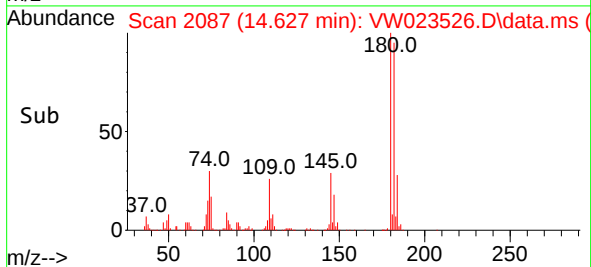
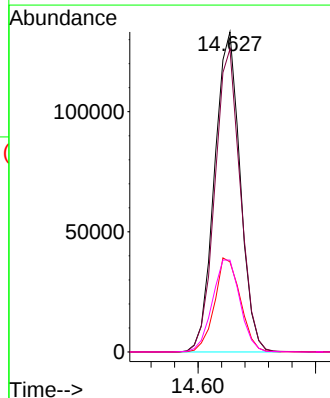
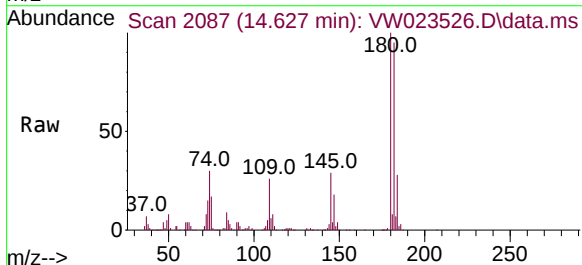
Ion Ratio Lower Upper

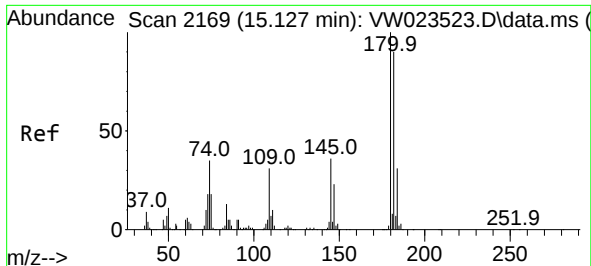
180 100

182 94.0 75.8 113.8

184 29.7 23.9 35.9

145 31.1 25.2 37.8

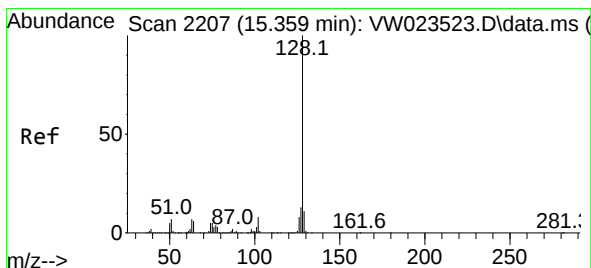
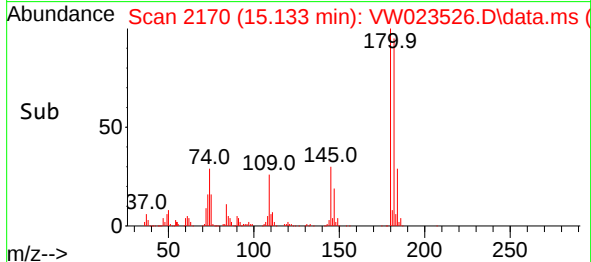
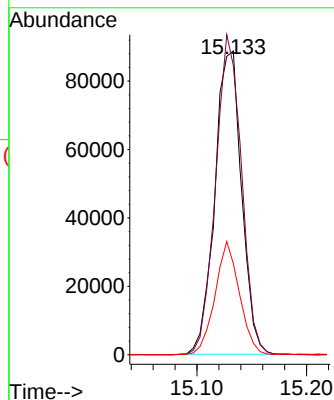
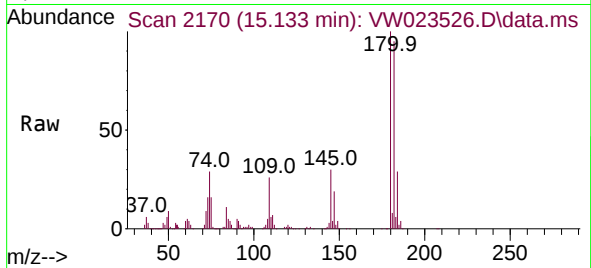




#70  
1,2,4-trichlorobenzene  
Concen: 23.607 ug/L  
RT: 15.133 min Scan# 2169  
Delta R.T. 0.006 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

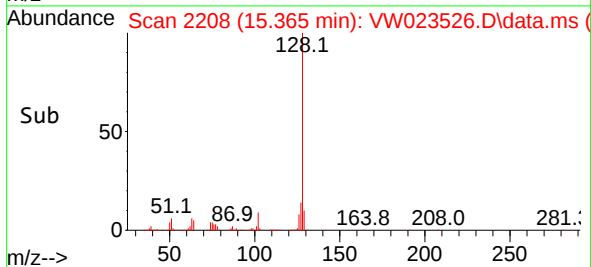
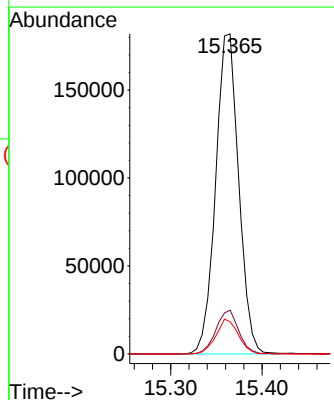
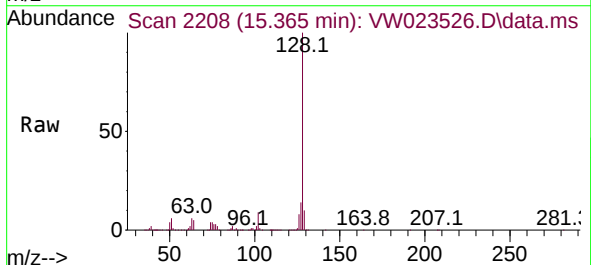
Instrument :  
MSVOA\_W  
ClientSampleId :  
VICV432

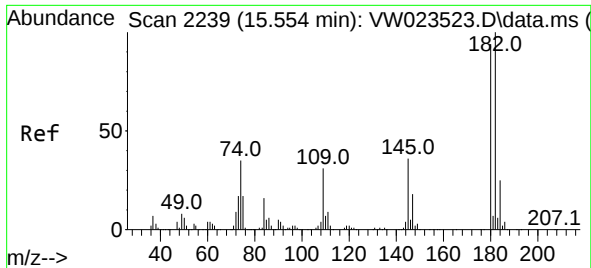
Tgt Ion:180 Resp: 150405  
Ion Ratio Lower Upper  
180 100  
182 102.3 72.3 108.5  
145 34.0 26.6 40.0



#71  
Naphthalene  
Concen: 26.417 ug/L  
RT: 15.365 min Scan# 2208  
Delta R.T. 0.006 min  
Lab File: VW023526.D  
Acq: 28 Jun 2022 12:14

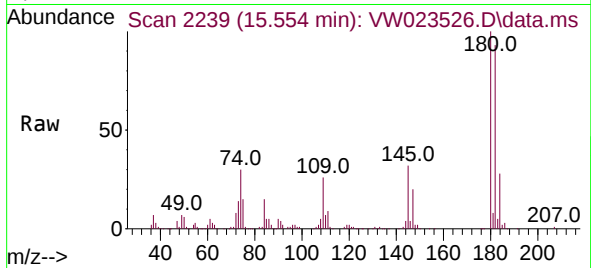
Tgt Ion:128 Resp: 319311  
Ion Ratio Lower Upper  
128 100  
127 13.5 10.9 16.3  
129 10.6 8.8 13.2





#72  
 1,2,3-Trichlorobenzene  
 Concen: 25.375 ug/L  
 RT: 15.554 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VW023526.D  
 Acq: 28 Jun 2022 12:14

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VICV432



Tgt Ion:180 Resp: 139757  
 Ion Ratio Lower Upper  
 180 100  
 182 94.7 78.7 118.1  
 145 34.4 30.2 45.2

